

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Dixon, Thomas Examiner #: 7581 Date: 6/1/98  
 Art Unit: 2127 Phone Number 305 9645 Serial Number: 04/125 374  
 Mail Box and Bldg/Room Location: AS 74.9 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: System For Managing Electronic Communications Between Enterprises

Inventors (please provide full names): Robert Norman, Anthony Park, Jr. 1428 34941

Earliest Priority Filing Date: 6/5/98

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

*This is a workflow system that allows physically separate computers (different companies) to share information automatically communicate workflows functions with one another (collaboration) (also, separate) (the calculation) (shared) (function)*

## STAFF USE ONLY

## Type of Search

## Vendors and cost where applicable

Searcher: <u>Rankin, Helen</u>	NA Sequence (#) _____	STN <u>1</u>
Searcher Phone #: <u>214 6130</u>	AA Sequence (#) _____	Dialog <u>214 6130</u>
Searcher Location: <u>214 6130</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>10-27-03</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>11-28-01</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>1/2 hr</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>15 min</u>	Other _____	Other (specify) _____



# STIC Search Report

## EIC 3600

STIC Database Tracking Number: 106558

TO: Tom Dixon  
Location: CPK5 7Y19  
Art Unit : 3629  
Tuesday, October 28, 2003

Case Serial Number: 09156334

From: Bode Akintola  
Location: EIC 3600  
PK5-Suite 804, 8A01  
Phone: 308-6150

Olabode.akintola@uspto.gov

### Search Notes

Examiner Dixon,

Please find attached your search results.

Please let me know if you like for me to try a refocused search with a different strategy or additional terms.

Please take a few minutes to fill the attached Colored feedback form to the EIC.

Thanks,

Bode Akintola



# STIC Search Results Feedback Form

**EIC 3600**

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Karen Lehman, EIC 3600 Team Leader  
306-5783, PK5- Suite 804

## Voluntary Results Feedback Form

➤ I am an examiner in Workgroup:  Example: 3620 (optional)

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC 3600 PK5 Suite 804



Set	Items	Description
S1	0	AU=(NOTANI R? OR NOTANI R?)
S2	168000	WORKFLOW? OR WORK()FLOW?
S3	17600547	PLURAL? OR SEVERAL OR VARIOUS OR MANY OR MULTIPL? OR NUMER- OUS OR DIFFERENT? OR FIRST OR SECOND OR 1ST OR 2ND OR ANOTHER OR SEPARATE?
S4	2089062	S3(3N) (COMPANY OR COMPANIES OR INSTITUTION? OR FACTORY OR - FACTORIES OR ESTABLISHMENT? OR INCORPORATION?)
S5	1126095	S3(3N) (CORPORATION? OR ORGANIZATION? OR ORGANISATION? OR E- NTERPRISE? OR INDUSTRY OR INDUSTRIES)
S6	1724	S2(15N)S4
S7	1851	S2(15N)S5
S8	3456	S6 OR S7
S9	303	S8(10N) (COLLABORAT? OR SHARE? ? OR SHARING OR COMMUNICAT?)
S10	215	S8(10N) (JOIN? OR LINK? OR ASSOCIAT? OR CONNECT? OR SPLIT?)
S11	490	S9 OR S10
S12	208	S11 NOT PY>1998
S13	175	S12 NOT PD=19980605:20000605
S14	175	S13 NOT PD=20000605:20031027
S15	117	RD (unique items)

? show file

File 9:Business & Industry(R) Jul/1994-2003/Oct 24  
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File 15:ABI/Inform(R) 1971-2003/Oct 25  
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File 16:Gale Group PROMT(R) 1990-2003/Oct 24  
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File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2003/Oct 24  
(c) 2003 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2003/Oct 27  
(c) 2003 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2003/Oct 24  
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15/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2149331 Supplier Number: 02149331 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Finance Specialist Sets Up Subsidiary In Hong Kong**  
(CODA, accounting software firm, opened subsidiary office in Hong Kong to service customers in there and in northern Asia)  
Newsbytes News Network, p N/A  
May 28, 1998  
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 241

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...they can make better and more accurate business decisions."

CODA-Financials accounting software has won **several industry** awards and has recently been enhanced by the addition of CODA-Enterprise, which introduces **workflow**, alerts and Internet **connectivity** to the original software.

"Our strength is being highly focused on having a product that...

15/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

2085863 Supplier Number: 02085868 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Information Builders, Inc. Launches WebFocus Suite**  
(Information Builders offers WebFocus Suite, new set of Java applets aimed at extending the ability to create "drill down" business intelligence (BI) reports)  
Newsbytes News Network, p N/A  
March 10, 1998  
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1118

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Godzilla of databases," he pointed out. Crawford is also integrating rules used by 6,000 **different insurance companies**, plus a **workflow** engine.

Burati told Newsbytes that Boston **Communications** is operating WebFocus Application Server on a Unix server, out of the belief that Windows...

15/3,K/3 (Item 3 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1561807 Supplier Number: 01561807 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**At long last: Exchange Server**  
(Microsoft Corp has introduced Exchange Server in 2 forms: without links to

**SMTP or X.400, and one with those connections)**  
Computer Reseller News, n 676, p 2  
March 25, 1996  
DOCUMENT TYPE: Journal ISSN: 0893-8377 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 607

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...messaging implementation, went to beta March 15 and will ship in four to six months.

**Workflow** software, using FileNet Corp. technology, will ship **separately**

The **company** had planned to incorporate Collabra **Share** threading technology, but that scenario was scotched when Netscape Communications Corp. bought Collabra Software.

Netscape...

**15/3,K/4 (Item 4 from file: 9)**  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

1265199 Supplier Number: 01265199 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Vendors Unveil Client/Server Workflow Software That Scales to Enterprise**  
**(TeamWare and Fujitsu Open Systems Solutions have jointly developed**  
**TeamWare Flow, scalable workflow software)**  
CommunicationsWeek, n 571, p 16  
August 21, 1995  
DOCUMENT TYPE: Journal ISSN: 0748-8121 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 193

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Flow can be used in a work group, on a departmental LAN or throughout an **enterprise connecting multiple** departments, in contrast to other types of **workflow** products that are typically fixed on one size group, said Geoffrey Bock, senior consultant at...

**15/3,K/5 (Item 1 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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01885178 05-36170  
**Finance packages take to the Internet**  
Classe, Alison  
Accountancy v120n1251 PP: 36-39 Nov 1997  
ISSN: 0001-4664 JRNL CODE: ACE

...ABSTRACT: cultural change within the finance function. Technology can only facilitate it. Vendors see a close **link** between Web-enabling their applications and providing **workflow** automation. **Workflow** systems automate the transmission of tasks from one part of the **organization** to

another .

**15/3,K/6 (Item 2 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01690703 03-41693

**Decisive technology's DecisionSource**

Anonymous

Telemarketing & Call Center Solutions v16n9 PP: 22, 148 Mar 1998

ISSN: 0730-6156 JRNL CODE: TLM

WORD COUNT: 445

...TEXT: can control data access and survey deployment by granting access permissions through DecisionSource's approval **workflow** feature. DecisionSource allows **multiple** users throughout an **enterprise** to **collaborate** on surveys and **share** results.

Decisive Technology also offers the Decisive EnterpriseView(TM) Program, which is the combination of...

**15/3,K/7 (Item 3 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01579395 02-30384

**The intranet and extranet**

Siegel, Joel G; Hartman, Stephen W; Qureshi, Anique

CPA Journal v68n2 PP: 71-73 Feb 1998

ISSN: 0732-8435 JRNL CODE: CPA

WORD COUNT: 1309

...TEXT: that resides on the server. Intranets Versus Groupware Intranets and groupware are not mutually exclusive. **Many companies** find that groupware ( **workflow** , **collaborative** computing, etc.) is appropriate for certain focused applications, while intranets are suitable for migrating existing...

**15/3,K/8 (Item 4 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01519406 01-70394

**Bringing the ODMA standard to the desktop**

Wright, Marilyn; Woodward, Kimberly

Document World v2n3 PP: 48 May/Jun 1997

ISSN: 1025-9228 JRNL CODE: DCMW

WORD COUNT: 627

...TEXT: managing information within groups and enterprises. They allow users to work completely within their applications, **collaborate** on documents and leverage a **workflow** package acting to co-ordinate separate efforts.

ODMA 1.5: the Query Extensions Since **many enterprises** have implemented document management on a department-by-department or site-by-site basis, without...

15/3,K/9 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01469585 01-20573

**The extended supply chain: Coming to a millennium near you**

Greenbaum, Joshua M  
Software Magazine v17n7 PP: 31 Jul 1997  
ISSN: 0897-8085 JRNL CODE: SMG  
WORD COUNT: 841

...TEXT: as well.

These products are targeted much more at managing multisite manufacturing companies than for **linking** up complex supply chains that may include **different companies** running **different** manufacturing, logistics and financial systems. Supply-chain products don't **link** to **workflow** engines, and Web developers are still working out the basics about how applications will share...

15/3,K/10 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01358995 00-09982

**Benefits of groupware**

Newing, Rod  
Management Accounting-London v75n1 PP: 56-57 Jan 1997  
ISSN: 0025-1682 JRNL CODE: MAC  
WORD COUNT: 2134

...TEXT: information with customers and suppliers brings about closer relationships, faster response and cheaper, more effective **workflow**. It also allows **different organisations** to work together on specific **joint** projects without setting up dedicated offices, a concept known as the 'virtual corporation'. An excellent...

15/3,K/11 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01335856 99-85252

**Find it at the Quality Junction**

Parr, Gary L  
Quality v35n11 PP: 64-65 Nov 1996  
ISSN: 0360-9936 JRNL CODE: QUA  
WORD COUNT: 696

...TEXT: books, handbooks, and reviews on business-process reengineering. The site also has a section on **workflow**, a large section describing experiences at **various companies**, and a large collection of **links** to other Web sites.

Unfortunately, the site is a pain to use because it's...



15/3,K/12 (Item 8 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01307440 99-56836

**Automation & productivity**

Clayton, Kip

Graphic Arts Monthly v68n9 PP: SS10-SS12 Sep 1996

ISSN: 1047-9325 JRNL CODE: BGR

ABSTRACT: Many printing industry productivity improvements are the result of "soft" enhancements: more efficient workflow, better job engineering, better communication with the customer, better communication inside the plant. Some productivity improvements, however, are engineered right into the machinery on the...

15/3,K/13 (Item 9 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01279411 99-28807

**Full power of Notes frequently goes untapped**

d Ambra, Diana

Best's Review (Prop/Casualty) v97n4 PP: 96-98 Aug 1996

ISSN: 0161-7745 JRNL CODE: BIP

WORD COUNT: 1945

...TEXT: customer support personnel-is time consuming and error-prone. Using Notes, you can reengineer the work flow to break the organizational boundaries.

There are different approaches to collaborative works. Although applications like Microsoft Exchange and Oracle Office have the e-mail capability and...

15/3,K/14 (Item 10 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01262039 99-11435

**MCI complaint blasts U S West credibility**

McCarthy, Shira

Telephony v231n5 PP: 14 Jul 29, 1996

ISSN: 0040-2656 JRNL CODE: TPH

WORD COUNT: 488

...TEXT: focusing instead on adding staff to its customer service centers, retraining its work force and linking different service organizations to ensure end-to-end workflow.

MCI has asked the FCC to develop service delivery guidelines for U S West and...

15/3,K/15 (Item 11 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01192930 98-42325

**At long last: Exchange server**

Darrow, Barbara

Computer Reseller News n676 PP: 2, 232 Mar 25, 1996

ISSN: 0893-8377 JRNL CODE: CRN

WORD COUNT: 596

...TEXT: messaging implementation, went to beta March 15 and will ship in four to six months.

**Workflow** software, using FileNet Corp. technology, will ship **separately**

The **company** had planned to incorporate Collabra **Share** threading technology, but that scenario was scotched when

Netscape Communications Corp. bought Collabra Software. Netscape...

**15/3,K/16 (Item 12 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01166953 98-16348

**Leased line network continues to grow**

Pillsbury, Dennis H

Rough Notes v139n2 PP: 44 Feb 1996

ISSN: 0035-8525 JRNL CODE: RNO

WORD COUNT: 462

...TEXT: new business, renewals, policy inquiries, direct bill, claims, data entry and endorsements. A leased line **connection** also allows agents to interface with and access **multiple companies** for information as part of the normal **workflow** and to provide timely, quality services.

"The leased line provides the agency with capabilities it...

**15/3,K/17 (Item 13 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01136677 97-86071

**The integrated call center: A strategic vehicle for large-scale operations to improve customer service while increasing profits**

Fitzpatrick, Julie M

Telemarketing v14n5 PP: 40-43 Nov 1995

ISSN: 0730-6156 JRNL CODE: TLM

WORD COUNT: 1293

...TEXT: IVR) units, voice and data integration, integrated fax, automated dialing capabilities, enterprise information access and **workflow** management systems. **Many companies** are now using computer-telephony integration (CTI), which **links** the call center telephone switch to a host computer or server, and enhances these applications...

**15/3,K/18 (Item 14 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01120175 97-69569

**Variety is free: Manufacturing in the twenty-first century**

Goldhar, Joel D; Lei, David

Academy of Management Executive v9n4 PP: 73-86 Nov 1995

ISSN: 1079-5545 JRNL CODE: AEX

WORD COUNT: 6677

...TEXT: enhance a growing horizontal information flow within the factory. Between stages A and B, the **linking** up of machines and the redesigning of **workflow** from a functional to a cellular format speed the flow of information across **different** parts of the **factory** and increase the interdependency of subunits. At this stage, vertical information flows increase as design...

**15/3,K/19 (Item 15 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01115999 97-65393

**Image technology for cash management**

Gergen, Mark J

TMA Journal v15n6 PP: 58-62 Nov/Dec 1995

ISSN: 1080-1162 JRNL CODE: JCG

WORD COUNT: 2059

...TEXT: an image up on a computer screen and perform various manipulations of that image

5. **Work flow** system. The **work flow** system automatically routes information to **various** points within an **organization** until the complete operation **associated** with each image has been completed Many imaging systems today have work flow systems that...

**15/3,K/20 (Item 16 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01099680 97-49074

**Workflow standards developers need new rules in an age of electronic commerce**

Kobiellus, James

Network World v12n37 PP: 50 Sep 11, 1995

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 754

...TEXT: view of the processes that occur not only within a single company but also between **companies** .

**Many** production **workflow** environments are hubbed around **shared** filestore environments, which pass electronic documents plus the applications needed to launch them from user...

**15/3,K/21 (Item 17 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01075280 97-24674

**Internal services: Classification and quality management**

Stauss, Bernd

International Journal of Service Industry Management v6n2 PP: 62-78 1995

ISSN: 0956-4233 JRNL CODE: SIM

WORD COUNT: 6741

...TEXT: suppliers. Based on extensive observational research, he examined different internal relationships. Basically, he distinguished internal **linkages** in two ways. Regarding the integration of services in **organizational** processes, he **differentiated** between " **workflow** relationships" and "service relationships". **Workflow** relationships involve activities that must be performed by different people in a relatively fixed sequence...

**15/3,K/22 (Item 18 from file: 15)**

DIALOG(R) File 15:ABI/Inform(R)

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00983215 96-32608

**Perception vs. reality ... The real future of insurance software systems**

Anonymous

Insurance & Technology Remark Supplement PP: 8-9 Feb 1995

ISSN: 0892-8533 JRNL CODE: IIN

WORD COUNT: 400

...ABSTRACT: them so many better ways to process data. Only a newer technology can meet the **communication**, processing, and **workflow** needs of the 21st century. Banking, manufacturing, science, distribution, and **many** other **industries** are rapidly employing the power and flexibility of client/server based technologies - both hardware and...

**15/3,K/23 (Item 19 from file: 15)**

DIALOG(R) File 15:ABI/Inform(R)

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00928083 95-77475

**Oracle enters workgroup fray with Documents**

Taft, Darryl K

Computer Reseller News n599 PP: 22 Oct 10, 1994

ISSN: 0893-8377 JRNL CODE: CRN

WORD COUNT: 413

...ABSTRACT: Documents. The product is a suite of application services and software agents offering library services, **workflow** automation, messaging, directory and scheduling to let **organizations share various** data types.

...TEXT: Documents.

The product is a suite of application services and software agents offering library services, **workflow** automation, messaging, directory and scheduling to let **organizations share various** data types.

The product enters beta his month and will be generally available in the...

**15/3,K/24 (Item 20 from file: 15)**

DIALOG(R) File 15:ABI/Inform(R)

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00922335 95-71727

**Workflow - Easing the paper crunch**

Korzeniowski, Paul

InfoWorld v16n41 PP: 62-71 Oct 10, 1994

ISSN: 0199-6649 JRNL CODE: IFW

WORD COUNT: 2002

...TEXT: BIS Strategic Decisions Inc., a Norwell, Mass., consulting firm.

Although there is cause for optimism, **workflow** suppliers face several challenges. Development tools are immature, products do not **share** information easily, and **many organizations** resist using tools that will change the way they work.

But the most fundamental stumbling...

15/3,K/25 (Item 21 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00824902 94-74294

**Synchronizing information and establishing communications to compete in a global economy**

Ashton, Alan

Information Resources Management Journal v7n1 PP: 44-46 Winter 1994

ISSN: 1040-1628 JRNL CODE: RMJ

WORD COUNT: 2451

...ABSTRACT: groupware, and workflow. Communication barriers will be overcome by having workgroup communication tools that are **linked** together and that sit on top of the **workflow** of technology. Their administration capabilities will go across the **enterprise** and also have **multiple** platforms so that it does not matter what type of computer or what type of

...TEXT: barriers are going to be overcome is by having workgroup communication tools that are then **linked** together and that sit on top of the **workflow** of technology, their administration capabilities which will go across the **enterprise** and also have **multiple** platforms so that it doesn't matter what time of computer, what type of operating...

15/3,K/26 (Item 22 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00795575 94-44967

**Lotus Notes: Is it really any good?**

Anonymous

Director v47n3 PP: 97 Oct 1993

ISSN: 0012-3242 JRNL CODE: DRT

WORD COUNT: 903

...ABSTRACT: ago, it has been adopted by some of the world's largest companies. Groupware and **workflow** are going to become very important to the success of **many companies** as computers grow increasingly **connected** and competition becomes increasingly fierce. The aim of both types of product is to deliver...

...TEXT: groupware has hardly touched our companies. Yet.

The truth is that groupware and its bedfellow, **workflow**, are going to become very important to the success of **many companies** as computers become increasingly **connected** and competition becomes increasingly fierce. They may even drive the connection process itself. The aim...

**15/3,K/27 (Item 23 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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00791320 94-40712

**Time to push for global integration**

Sammet, Fred

Network World v10n47 PP: 39 Nov 22, 1993

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 644

...TEXT: how communication between people, processes, applications, groups and companies works. E-mail links individuals. Groupware **links** individuals working in groups. EDI **links** applications in **different companies**. People use applications. People in **different companies** using applications need to **communicate** via E-Mail. **Work flow** links people in different functional areas within a company.

These are basic, rather safe assumptions to...

**15/3,K/28 (Item 24 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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00791117 94-40509

**Unbundling the cost of hospitalization**

Carr, Lawrence P

Management Accounting v75n5 PP: 43-48 Nov 1993

ISSN: 0025-1690 JRNL CODE: NAA

WORD COUNT: 3010

...TEXT: worked as staff members on the nursing care units and were familiar with the actual **work flow** at Braintree.

After the **first organizational** meeting and the **sharing** of the concerns for the nursing service issues, the team realized it had no hard ...

**15/3,K/29 (Item 25 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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00743769 93-92990

**Vendors vie for piece of client/server accounting mart**

Eckerson, Wayne

Network World v10n30 PP: 9 Jul 26, 1993

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 720

...TEXT: in a number of ways. Some are integrating value-added features,

such as decision support, **work flow** and electronic mail, while others boast **links** to **various enterprise** processes, including distribution, materials management and manufacturing. Still others are riding the crest of object...

**15/3,K/30 (Item 26 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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00743752 93-92973

**Researching for the future**

Coleman, David

Network World v10n30 PP: S48-S50 Jul 26, 1993

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 1648

...TEXT: Europe-based companies has arisen called The Black Forest Group. This group meets quarterly to **share** experiences and perspectives on groupware and **work flow** tools as well as their business implementation.

A **second institution** that has long been known for technological research and innovation is the Massachusetts Institute of...

**15/3,K/31 (Item 27 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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00726463 93-75684

**Total Quality Management: Implications for Central and Eastern Europe**

Lee, Sang M.; Luthans, Fred; Hodgetts, Richard M.

Organizational Dynamics v20n4 PP: 42-55 Spring 1992

ISSN: 0090-2616 JRNL CODE: ORD

WORD COUNT: 7298

...TEXT: in Hungary cannot compete with world-class manufacturers because of high overhead and labor costs **associated** with less-than-streamlined **work flow**. In **many** cases, these **companies** must be prepared for drastic changes in work procedures and for personnel reductions (downsizing) in...

**15/3,K/32 (Item 28 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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00691641 93-40862

**Workflow software automates processes**

Korzeniowski, Paul

Software Magazine v13n3 PP: 73-76 Feb 1993

ISSN: 0897-8085 JRNL CODE: SMG

WORD COUNT: 2589

...TEXT: are available to make that determination."

Currently, there are no standards for routing documents, leaving **corporations** unable to **link different workflow** packages. "The real value in a tool like **workflow** software will come when we can use it to streamline our interaction with suppliers and...

**15/3,K/33 (Item 29 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

00648442 92-63382

**New AT&T Services Streamline Data Communications**

Nelsen, David Edward; Schonfeld, Tibor J.; Wunderlich, Eberhard F.

AT&T Technology v7n2 PP: 2-8 1992

ISSN: 0889-8979 JRNL CODE: ATT

WORD COUNT: 3292

...TEXT: and software products--and communications protocols--that seem to create more data isolation than data **communications** The result: **many companies** find themselves with islands of information that separate departments and hamper **workflow** . To help businesses compete and deal with today's complex distributed computing environment, AT&T...

**15/3,K/34 (Item 30 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

00645395 92-60335

**Electronic Messaging**

Brown, Carolyn M.

Black Enterprise v23n4 PP: 45-47 Nov 1992

ISSN: 0006-4165 JRNL CODE: BEN

WORD COUNT: 1214

...TEXT: the various systems are similar in functionability, although there are some distinctions in features, including **work - flow** automation, **connectivity** and mail-enabled applications.

**Several companies** are looking to e-mail networks for work-group applications in which employees can share...

**15/3,K/35 (Item 31 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

00636214 92-51154

**Extending Data Modeling to Cover the Whole Enterprise**

Scheer, August-Wilhelm; Hars, Alexander

Communications of the ACM v35n9 PP: 166-172 Sep 1992

ISSN: 0001-0782 JRNL CODE: ACM

WORD COUNT: 3406

...TEXT: design of an EDM which are of equal importance: EDMs integrate the business views of **different** departments within an **enterprise** . Business terms utilized are standardized, facilitating **communication** among departments. **Work flow** can be improved if functions that relate to the same class of information are integrated...

**15/3,K/36 (Item 32 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.



00197337 83-08898

**Colour and Space - The Effective Alternative**

Hapgood, Barbara

Work & People v8n2 PP: 10-11 1982

JRNL CODE: WAP

...ABSTRACT: lights. P. W. B. Chains has tried to minimize the difference between office staff and **factory** employees by providing **first** class amenities and recreational facilities. The redesign program has improved **work flow** and production efficiency. It also has improved **communications** between employees and management.

**15/3,K/37 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

05616932 Supplier Number: 48499201 (USE FORMAT 7 FOR FULLTEXT)

**Finance Specialist Sets Up Subsidiary In Hong Kong 05/28/98**

Newsbytes, pN/A

May 28, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 243

... they can make better and more accurate business decisions."  
CODA-Financials accounting software has won **several industry** awards and has recently been enhanced by the addition of CODA-Enterprise, which introduces **workflow**, alerts and Internet **connectivity** to the original software.

"Our strength is being highly focused on having a product that...

**15/3,K/38 (Item 2 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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05510487 Supplier Number: 48349255 (USE FORMAT 7 FOR FULLTEXT)

**Cinebase and Xedoc to Develop Suite Of Media Production Workflow Products for Digital Media Management Systems.**

Business Wire, p03110186

March 11, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1064

The **collaboration** between Cinebase and Xedoc will lead to the **industry**'s **first** suite of media **workflow** products specifically optimized for the film and video post-production, graphics and visual effects media...

...first Commercial-Off-the-Shelf (COTS) products to result from the growing Xedoc and Cinebase **collaboration**. The two **companies** **first** started working last spring to provide advanced object-oriented **workflow** engine technology to the intelligence community as part of Cinebase's partnership with Sarnoff Labs...

**15/3,K/39 (Item 3 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

05509866 Supplier Number: 48348556 (USE FORMAT 7 FOR FULLTEXT)  
**Information Builders, Inc. Launches WebFocus Suite 03/10/98**

Emigh, Jacqueline  
Newsbytes, pN/A  
March 10, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 1127

... Godzilla of databases," he  
pointed out. Crawford is also integrating rules used by 6,000  
**different** insurance **companies**, plus a **workflow** engine.  
Burati told Newsbytes that Boston **Communications** is operating  
WebFocus  
Application

**15/3,K/40 (Item 4 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05432439 Supplier Number: 48238248 (USE FORMAT 7 FOR FULLTEXT)  
**Decisive Technology Boosts Business Intelligence Through Real-Time Customer  
Feedback**

PR Newswire, p0120LATU058  
Jan 20, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 950

... with detailed customer information in databases and systems.  
\* Multi-user Capability. DecisionSource has an approval **workflow**  
feature for access permissions, allowing managers to control data access  
and survey deployment. **Multiple** users throughout an **enterprise** can  
**collaborate** on surveys and **share** results.  
Pricing and Availability  
DecisionSource is available immediately from Decisive Technology.  
DecisionSource Client is available...

**15/3,K/41 (Item 5 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

04988040 Supplier Number: 47327151 (USE FORMAT 7 FOR FULLTEXT)  
**Software Improves Workflow**

Greenemeier, Larry  
MIDRANGE Systems, p014  
April 25, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 197

... project from a desk terminal," says Peter Forrest, managing  
director of DPM Systems.  
Since task-><- **link** is capable of operating across **multiple** sites,  
**companies** can create corporatewide virtual workgroups without restricting

the number of **workflow** models to which any one individual can belong.

**15/3,K/42 (Item 6 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04969417 Supplier Number: 47301271 (USE FORMAT 7 FOR FULLTEXT)  
**Microsoft Exchange Becomes a Leading Messaging Platform for Document Management, Imaging, Workflow Solutions**  
PR Newswire, p0415SFTU008  
April 15, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 990

... Internet, communications and collaboration standards, Microsoft Exchange Server has been widely adopted as a key **communications** platform by **many industries**, including **companies** building applications for imaging, **workflow** and document management. As a development platform, its open architecture allows ISVs to easily write...

**15/3,K/43 (Item 7 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

04955219 Supplier Number: 47281637 (USE FORMAT 7 FOR FULLTEXT)  
**An innovative specialty care company for aging consumers to use Araxsys' Web-based workflow solution.**  
Business Wire, p04080129  
April 8, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 549

... provide a total solution for its customers.  
The company's core product, HealthFlow, is the **industry's first** software system to apply secured, Internet/intranet **lworkflow** technology to integrate and **link** clinical, administrative and operational data to enable the standardization and improvement of healthcare processes.

CONTACT...

**15/3,K/44 (Item 8 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04796557 Supplier Number: 47058155 (USE FORMAT 7 FOR FULLTEXT)  
**FileNet and Anacomp Join To Provide Information Delivery Software Applications**  
PR Newswire, p0122ATW014  
Jan 22, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 993

... outstanding technological platform," said Ray Dicasali, chief technology officer, Anacomp. "In partnering with FileNet, we **join** forces

with a **company** that is the **first** to combine the technologies of imaging, **workflow**, COLD and document management into a truly integrated Windows NT environment."

New applications and upgrades...

**15/3,K/45 (Item 9 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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04796530 Supplier Number: 47058128 (USE FORMAT 7 FOR FULLTEXT)

**Delphi Announces Agreement With IVANS**

PR Newswire, p0122CLW004

Jan 22, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 618

... EDI) to commercial risks, which often involves complex, structured and non-structured information. Furthermore, cd. **connect** uses agency established **workflows** in combination with **collaborative** messaging to accomplish true single-entry **multiple company** interface (SEMCI) for commercial lines policies. As an option to the Lotus Notes-based service...

**15/3,K/46 (Item 10 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

04703550 Supplier Number: 46923226 (USE FORMAT 7 FOR FULLTEXT)

**ViewStar First to Ship Production-Class Workflow for the Internet.**

Business Wire, p11271022

Nov 27, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 471

The shipment of ViewStar's Process@Work and InfoStore@Work systems marks the **industry**'s **first** robust, production-class **workflow** offering for managing **collaborative** business processes over the World Wide Web.

"Building on its experience in workflow, imaging and...

**15/3,K/47 (Item 11 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

04641540 Supplier Number: 46828536 (USE FORMAT 7 FOR FULLTEXT)

**OV/400 Supports Notes Clients**

MIDRANGE Systems, p016

Oct 25, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 379

... known as groupware. Notes goes beyond standard E-mail and calendar services to include document **sharing**, conferencing, forms-based **workflow** and discussion databases.

**Many companies** see groupware as a way to re-engineer their business processes and improve efficiency. However...

15/3,K/48 (Item 12 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04509443 Supplier Number: 46623417 (USE FORMAT 7 FOR FULLTEXT)  
**Teaming up via the SamePage; Web access untangles document workflow management**  
PC Week, pN/A  
August 12, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 771

... Explorer.  
Because SamePage runs on a Web server and uses Web browsers as client interfaces, **organizations** with **many different** operating systems can **share** access to documents through a common Web interface.

Into integration  
**Workflow** functionality is becoming increasingly common either bundled in groupware applications such as Novell Inc.'s...

...on role assignments.

The Bottom Line  
Although this initial release needs some improvement in its **workflow** features, SamePage 1.1's tightly integrated discussions will prove useful to **many organizations** that need to help far-flung groups **collaborate** on documents.

SAMEPAGE GROUPS comments and responses together so users can see the original material...

15/3,K/49 (Item 13 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04365353 Supplier Number: 46402170 (USE FORMAT 7 FOR FULLTEXT)  
**Workflow Management Coalition to Debut Demo of Workflow Interoperability Specification.**  
Business Wire, p5210011  
May 21, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 455

... partners to accomplish these objectives. Achieving this level of integration requires the capabilities of multiple **workflow** products to **communicate** and cooperate in data exchange and process hand-offs.

" **Corporations** frequently need **different workflow** products to serve different needs and applications," said Sunil Sarin, Chairman of the Coalition's...

15/3,K/50 (Item 14 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04282735 Supplier Number: 46275988 (USE FORMAT 7 FOR FULLTEXT)  
**PC DOCS EXPANDS IMAGE AND WORKFLOW WORKBENCH (IWW) PROGRAM; LEADING IMAGE**

**AND WORKFLOW VENDORS TIGHTLY INTEGRATE WITH DOCS OPEN**

PR Newswire, p0401FLM020

April 1, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1213

... wide solutions, this partnership can only enhance an organization's ability to manage documents and **workflow** in virtually any environment."

"We are pleased to be one of the **first companies** joining PC DOCS' Image and **Workflow** Workbench program," said Richard Esmond, Chief Technology Officer of Diamond Head Software, Inc. "The open...

**15/3,K/51 (Item 15 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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04269958 Supplier Number: 46255476 (USE FORMAT 7 FOR FULLTEXT)

**DRT Systems International, Wang sign workflow, imaging and cold software agreement; Partnership combines Wang's Leading Work Management Software with DRT Systems International Consulting and Integration Services.**

Business Wire, p03280012

March 28, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 515

... integrate and optimize electronic information.

"Our focus is on strategic analysis, design, integration, and implementation -- **linking** information from **multiple** resources and positioning **companies** for future growth," said Jon Kawamura, practice leader, DRT Systems **Workflow** Imaging Practice.

Added Bruce Heagstedt, general manager, "We **link** the business and IT strategies within an organization. By partnering with Wang, DRT Systems International...

**15/3,K/52 (Item 16 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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04268769 Supplier Number: 46253766 (USE FORMAT 7 FOR FULLTEXT)

**At long last: Exchange Server -- VARs, ISVs see opportunities despite delays, miscues**

Computer Reseller News, p2

March 27, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 602

... messaging implementation, went to beta March 15 and will ship in four to six months.

**Workflow** software, using FileNet Corp. technology, will ship separately .

The **company** had planned to incorporate Collabra **Share** threading technology, but that scenario was scotched when Netscape Communications Corp. bought Collabra Software.

Netscape...

15/3,K/53 (Item 17 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04263138 Supplier Number: 46244674 (USE FORMAT 7 FOR FULLTEXT)  
**OrthoCADD Services releases the CADD Desktop Tutor (TM) for AutoManager(R)**  
**WorkFlow ; With the new computer-based training product, OrthoCADD**  
**Services Becomes One of the First Companies to Join Cyco**  
**International's Solution Partner Program.**  
Business Wire, p3251104  
March 25, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 308

**OrthoCADD Services releases the CADD Desktop Tutor (TM) for AutoManager(R)**  
**WorkFlow ; With the new computer-based training product, OrthoCADD**  
**Services Becomes One of the First Companies to Join Cyco**  
**International's Solution Partner Program.**

15/3,K/54 (Item 18 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04194778 Supplier Number: 46132376 (USE FORMAT 7 FOR FULLTEXT)  
**LIBBEY ANNOUNCES STRONG 1995 EARNINGS INCREASE; NET INCOME UP 12.5% TO**  
**\$2.00 PER SHARE**  
PR Newswire, p207NYW013  
Feb 7, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1462

... drop in profitability."

Meier continued, "We had a challenging year in manufacturing as we implemented **many** changes in our **organizational** structure and **work flow** associated with our reengineering effort, Project ALPHA. As we continue to reshape Libbey to be a...

15/3,K/55 (Item 19 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04162971 Supplier Number: 46079565 (USE FORMAT 7 FOR FULLTEXT)  
**StarBase announces customer availability of StarTeam; teamware vision**  
**becomes a reality.**  
Business Wire, p01221147  
Jan 22, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 892

... reporting into one product with one interface in one central repository of information. This new **collaborative** development system is the **company's first** offering of teamware -- team productivity tools that integrate **collaboration**, **workflow** and project management around a configuration management foundation.

"Our research and our own experience as...

**15/3,K/56 (Item 20 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03868662 Supplier Number: 45554819 (USE FORMAT 7 FOR FULLTEXT)  
**HIGH-TEST WORK FLOW**  
CommunicationsWeek, p46  
May 22, 1995  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 2619

... really whatever you define it to be.'  
Koulopoulos defines middleware as something that lets users **share** business processes across **various enterprises**. Middleware also is the foundation without which a company cannot effectively implement a **workflow** process.

'Everyone's focusing too much on products,' Koulopoulos says. 'Forget the products. First, you...

**15/3,K/57 (Item 21 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03022783 Supplier Number: 44106173 (USE FORMAT 7 FOR FULLTEXT)  
**IBM Workflow for IAN, Legacy Data**  
CommunicationsWeek, p1  
Sept 20, 1993  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 671

... FlowMark will also support OpenDoc, an emerging architecture for creating compound documents that can be **shared** by **multiple** users.

**Industry** experts said that IBM has not discussed its strategy for **workflow**, and FlowMark's relationship to existing workflow products remains unclear.

'A comprehensive workflow strategy is...

**15/3,K/58 (Item 22 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02948081 Supplier Number: 43988544 (USE FORMAT 7 FOR FULLTEXT)  
**D&B Adds Workflow Applications**  
CommunicationsWeek, p5  
July 26, 1993  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 292

... OS/2 or Unix network servers. Windows NT versions are forthcoming.  
Unlike other rules-based **workflow** applications, SmartStream products automate an entire business process **linking multiple organizational** functions, by **connecting** multiple servers and databases, according to



Bobby Cameron, director of product management, who works out of...

**15/3,K/59 (Item 1 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

10333562 SUPPLIER NUMBER: 20932963 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Consortium updates the CIP3 format. (International Cooperation for the  
Integration of Prepress, Press, and Postpress introduces Print Production  
Format) (Product Announcement)**  
Cross, Lisa  
Graphic Arts Monthly, v70, n6, p73(2)  
June, 1998  
DOCUMENT TYPE: Product Announcement ISSN: 1047-9325 LANGUAGE:  
English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1243 LINE COUNT: 00107

Over the last decade, **many** manufacturing **industries** have made great strides in automating **workflows** by utilizing computer integrated manufacturing (CIM) methods that **connect** process steps, automate tasks, and pass electronic job data seamlessly between functions or departments.  
The...

**15/3,K/60 (Item 2 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09932229 SUPPLIER NUMBER: 20085291 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**InConcert seeking VARs to sell workflow. (InConcert Inc.)**  
Nowak, Pete  
Computer Dealer News, v13, n21, p29(1)  
Oct 20, 1997  
ISSN: 1184-2369 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 517 LINE COUNT: 00044

... uncle, but not necessarily our parent."  
InConcert has already met with some success, having its **workflow** solution embedded in applications by **several corporations**.  
According to Zakheim, the company's **workflow** solution caters specifically to high-tech manufacturing, engineering, **communications** and government applications. WorldCom, the fourth-largest long-distance carrier in the U.S., uses...

**15/3,K/61 (Item 3 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09916720 SUPPLIER NUMBER: 19927389 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Mosaix designs workflow templates. (Mosaix Inc.)**  
Flippen, Carli; Friedman, Roger; McIntyre, Kellie M.; Bross, David  
Document Imaging Report, v7, n18, p7(1)  
Sep 3, 1996  
ISSN: 1071-1295 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 84 LINE COUNT: 00011

TEXT:  
...for integrating workflow systems with customer service operations.

Used in conjunction with Mosaix's ViewStar **workflow** engine, the new RapidStart software lets application developers design systems without knowing proprietary scripting languages. **Many companies** are trying to hold onto their customers with systems using a single, companywide **workflow** to tie together fax, E-mail, paper correspondence and Internet **communication**, Mosaix reports. RapidStart costs \$30,000. (Mosaix Inc., 206/881-7544, <http://www.mosaix.com>.)

**15/3,K/62 (Item 4 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09451870 SUPPLIER NUMBER: 19357271 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Your financial future; financial applications make the difference. (Technology buyer's guide) (Buyers Guide)**

Walters, Glenn; Taskett, Lynda

InformationWeek, n627, pS05(4)

April 21, 1997

DOCUMENT TYPE: Buyers Guide ISSN: 8750-6874 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1626 LINE COUNT: 00146

...ABSTRACT: satisfy the basic financial processes. Additional capabilities worthy of consideration include global functionality, support for **multiple organizations**, analytical processing, **workflow** integration, Internet access, EDI support, extensibility, data warehousing **connections**, productivity tools, and the application's architecture. The vendor, the cost of the product and...

**15/3,K/63 (Item 5 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09221308 SUPPLIER NUMBER: 19041971 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Setting a workflow standard. (National Center for Manufacturing Sciences and DARPA-sponsored National Industry Information Infrastructure Protocol's Project Endeavor project to set workflow standards) (Government Activity)**

VARbusiness, v13, n1, p48(1)

Jan 1, 1997

ISSN: 0894-5802 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 384 LINE COUNT: 00034

...ABSTRACT: workflow product. The goal of Project Endeavor is to create a de facto standard for **workflow** deployment across **many industries**. A more immediate objective is to look at the difficulties **linked** with implementing **workflow** systems and how the systems are integrated among various management and process tools in the...

**15/3,K/64 (Item 6 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09028610 SUPPLIER NUMBER: 18719202 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Experts advise on expense systems. (Association of Corporate Travel Executives global conference discusses new technologies and expense management systems) (Brief Article)**

Wada, Isae  
Travel Weekly, v55, n78, p35(2)  
Sep 30, 1996  
DOCUMENT TYPE: Brief Article ISSN: 0041-2082 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 435 LINE COUNT: 00040

... of American Express TRS Co., Chris Pieroth of Citicorp Diners Club and Mark Walton of **Workflow** Solutions.

They spoke at the **Association** of Corporate Travel Executives' global conference here.

**Many companies** are studying the possibility of automating their expense management function in an effort to reduce...

**15/3,K/65 (Item 7 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08929390 SUPPLIER NUMBER: 18620898 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**MCI complaint blasts US West credibility. (MCI Communications Corp.; US WEST Inc.)**

McCarthy, Shira  
Telephony, v231, n5, p14(1)  
July 29, 1996

ISSN: 0040-2656 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 517 LINE COUNT: 00043

... focusing instead on adding staff to its customer service centers, retraining its work force and **linking different service organizations** to ensure end-to-end **workflow**.

MCI has asked the FCC to develop service delivery guidelines for U S West and...

**15/3,K/66 (Item 8 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08892389 SUPPLIER NUMBER: 18576887  
**Teaming up via the SamePage. (WebFlow Corp SamePage 1.1) (Lab Note) (PC Week Netweek) (Software Review) (Evaluation)**

Kramer, Matt  
PC Week, v13, n32, pN5(2)  
August 12, 1996

DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 802 LINE COUNT: 00068

... Explorer.

Because SamePage runs on a Web server and uses Web browsers as client interfaces, **organizations** with **many** different operating systems can **share** access to documents through a common Web interface.

Into integration

**Workflow** functionality is becoming increasingly common either bundled in groupware applications such as Novell Inc.'s...

...on role assignments.

The Bottom Line

Although this initial release needs some improvement in its **workflow**

features, SamePage 1.1's tightly integrated discussions will prove useful to **many organizations** that need to help far-flung groups **collaborate** on documents.

SAMEPAGE GROUPS comments and responses together so users can see the original material...

**15/3,K/67 (Item 9 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08872539 SUPPLIER NUMBER: 18565286

**Full power of Notes frequently goes untapped. (Lotus Notes) (Column)**

d'Ambra, Diana

Best's Review - Property-Casualty Insurance Edition, v97, n4, p96(3)

August, 1996

DOCUMENT TYPE: Column ISSN: 0161-7745 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2094 LINE COUNT: 00167

... customer support personnel--is time consuming and error-prone. Using Notes, you can reengineer the **work flow** to break the **organizational** boundaries.

There are **different** approaches to **collaborative** works. Although applications like Microsoft Exchange and Oracle Office have the e-mail capability and...

**15/3,K/68 (Item 10 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

08779871 SUPPLIER NUMBER: 18362326 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Integrated call centers help maximize service. (1996 IASA Showcase of Technology, Products and Services)**

National Underwriter - Property & Casualty-Risk & Benefits Management, n23, pS7(1)

June 3, 1996

ISSN: 1042-6841 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 500 LINE COUNT: 00044

... customer service automation systems, like TCS, and interactive voice response units. fax, automated dialing and **workflow** management. **Many** insurance **companies** use computer telephony integration (CTI), which **links** the call center telephone switch to a host computer or server. Solutions like TCS ensure...

**15/3,K/69 (Item 11 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

08084239 SUPPLIER NUMBER: 17237083

**FTP Software charts Web course. (Web application development)**

Messmer, Ellen

Network World, v12, n29, p16(1)

July 17, 1995

ISSN: 0887-7661 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: and technical advantage for marketing its own Web-based

applications. FTP is developing its own **workflow** and **collaborative** computing software for corporate enterprise information distribution. The **company** plans to release **numerous** Web-applications to run on Windows NT by early 1996 and is developing intelligent software...

15/3,K/70 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08077342 SUPPLIER NUMBER: 17215965 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**American Management Systems announces business partner agreement with Lotus Development Corporation; Agreement follows company's successes with Notes in health care, government and business consulting environments.**

Business Wire, p8211205

August 21, 1995

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 519 LINE COUNT: 00052

... across enterprises to share knowledge bases and to work together using pre-defined forms and **work flows**. Notes includes a powerful replication mechanism for **sharing** data bases across **multiple** servers throughout an **organization**.

AMS will apply Notes immediately within its health care vertical market. "We are currently beginning..."

15/3,K/71 (Item 13 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

08061603 SUPPLIER NUMBER: 17169969 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**TeamWARE and Fujitsu Open Systems Solutions to Enter Work Flow Market with TeamWARE Flow.**

Business Wire, p8140203

August 14, 1995

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 369 LINE COUNT: 00039

TEXT:

...14, 1995--TeamWARE and Fujitsu Open Systems Solutions Inc. (FOSSI) today announced TeamWARE Flow, the **industry's first true collaborative work flow** product.

15/3,K/72 (Item 14 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

08011133 SUPPLIER NUMBER: 17039588 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**High-test work flow: workflow hassles are declining as middleware standards mature. (Closeup: Middleware)**

Schatz, Willie

CommunicationsWeek, n558, p46(3)

May 22, 1995

ISSN: 0746-8121 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2816 LINE COUNT: 00229

... really whatever you define it to be."

Koulopoulos defines middleware as something that lets users **share**

business processes across **various enterprises** . Middleware also is the foundation without which a company cannot effectively implement a **workflow** process.

"Everyone's focusing too much on products," Koulopoulos says. "Forget the products. First, you..."

**15/3,K/73 (Item 15 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07718648 SUPPLIER NUMBER: 16672187 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Industry still in transition. (workgroup computing)**

Bierman, Bob

Computing Canada, v21, n3, p52(1)

Feb 1, 1995

ISSN: 0319-0161 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 545 LINE COUNT: 00045

... installed bases of users. These installed bases become a starting point for add-on and

**Several trade associations and industry groups**, such as WARIA (The **Workflow** and Re-engineering **association** ), PII (Process Improvement Institute) and the Workflow Coalition, have become quite active and are beginning...

**15/3,K/74 (Item 16 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07714214 SUPPLIER NUMBER: 16542929 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Price Waterhouse and Informix team up for data warehousing. (Price**

**Waterhouse Management Consulting Services, Informix Software Inc.)**

Tucker, Tracey

American Banker, v160, n36, p18(2)

Feb 23, 1995

ISSN: 0002-7561 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 784 LINE COUNT: 00068

... provide comprehensive data warehousing solutions for our clients," said Mr. Schroeck.

This is not the **first** time the two **companies** have worked together, said Mr. Barzilay. They teamed up similarly on a **workflow** engineering project for the Student Loan Marketing **Association** . In that project Price Waterhouse provided management services, while Informix provided a data repository for...

**15/3,K/75 (Item 17 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07590405 SUPPLIER NUMBER: 16488164 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The options taken: broadband prepress communication at J. Walter Thompson.**

**(J. Walter Thompson Co.)**

Shrader, Craig C.

Advanced Imaging, v9, n10, p59(4)

Oct, 1994

ISSN: 1042-0711 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 2039 LINE COUNT: 00163

... very different than most business networks. Information collaboration, in the publishing industry context, is a **joint** processing of graphic arts information between **different companies**. This unique **workflow differentiates** the type of networking solutions and technology that must be implemented. Information must be exchanged...

**15/3,K/76 (Item 18 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07578988 SUPPLIER NUMBER: 16279819 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Accounting meets workflow; partnerships could be risky due to lack of standards. (Ramos & Associates Inc, Edify Corp)**  
Smalley Bowen, Ted  
PC Week, v11, n47, p37(2)  
Nov 28, 1994  
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 396 LINE COUNT: 00033

... Corp. brokered the Timeline/Centre-file pact. The Edify pact is being driven by Ramos & **Associates**.

Other major accounting software providers that have integrated **workflow** into their offerings include Great Plains Software Inc. and Dun and Bradstreet Software.

In general, **many companies** are weighing the benefits of having workflow integrated with core business applications, as opposed to...

**15/3,K/77 (Item 19 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07460198 SUPPLIER NUMBER: 16318932  
**Grow with the flow. (workflow software packages)**  
Livingston, Dennis  
CIO, v8, n2, p60(3)  
Oct 15, 1994  
ISSN: 0894-9301 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: **Many** cost-conscious companies are using **workflow** software packages to manage information flow among **linked** tasks of **various** departments within an **organization**. **Workflow** software applications include streamlining the flow along the decision-making chain of processes such as...

**15/3,K/78 (Item 20 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07314195 SUPPLIER NUMBER: 15717721 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The banking industry: following the fathers of imaging. (imaging systems in banking) (includes related article)**  
Document Imaging Report, v4, n10, p1(4)  
May 18, 1994  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1975 LINE COUNT: 00156

... the status of applications and other forms scanned into the system. The main obstacle for **workflow** in banks today is rigid **organizational** structure, Avedon says. **Many** documents cross departmental lines, and employees need to access and **share** information for these solutions to be effective.

For any of these systems to work they...

**15/3,K/79 (Item 21 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07230326 SUPPLIER NUMBER: 15320676 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Document management approaches mainstream. (Optika Imaging Systems' Windows FilePower MultiFinder/Finder 4.0, Soda Creek Technologies Inc.'s SCT\*Finder, FilePlus Inc.'s fP Document Manager 2.0 and 4i Solutions Inc.'s 4Most Document Management 1.2 document management software packages) (Product Announcement)**

Moore, Mark

PC Week, v11, n15, p8(1)

April 18, 1994

DOCUMENT TYPE: Product Announcement ISSN: 0740-1604 LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 413 LINE COUNT: 00034

ABSTRACT: **Several companies** will introduce document management software packages that integrate text processing, imaging and **workflow** functions at the **Association** for Information and Image Management's upcoming show. Optika Imaging Systems' Windows FilePower MultiFinder/Finder ...

**15/3,K/80 (Item 22 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07212468 SUPPLIER NUMBER: 15084025 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Microsoft workflow , forms links slated for EMS in second half. ( Enterprise Messaging Server) (Microsoft e-Forms designer application development software)**

Rooney, Paula

PC Week, v11, n12, p1(2)

March 28, 1994

ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 571 LINE COUNT: 00046

**Microsoft workflow , forms links slated for EMS in second half. ( Enterprise Messaging Server) (Microsoft e-Forms designer application development software)**

**15/3,K/81 (Item 23 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07170690 SUPPLIER NUMBER: 15048696 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Companies go with the flow to streamline operations. (more firms using workgroup-enabled software packages in daily operations) (MacWEEK Special Report: Workgroups Stepping Up to the Mac)**



Miley, Michael  
MacWEEK, v8, n5, p34(4)  
Jan 31, 1994  
ISSN: 0892-8118      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2035      LINE COUNT: 00169

... professional in-house development expertise when the particular work flow is specific to the organization. **Work - flow** systems that manage complex documents, however, are more common to **many organizations**, and thus, vendors have assumed a larger **share** of the development process.

Given the Mac's strong presence in publishing, document management has...

**15/3,K/82      (Item 24 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07034783      SUPPLIER NUMBER: 16099668  
**United, we stand a better chance. (advantages of groupware; survey on computer networking)**

Gooding, Claire  
Financial Times, n32404, pFTS5(1)  
June 28, 1994

ISSN: 0307-1766      LANGUAGE: ENGLISH      RECORD TYPE: ABSTRACT

ABSTRACT: Computer networking has become a valuable tool in the efforts of **many companies** to improve their **communications**, and thus their competitiveness. The main growth area at present is '**workflow**', groupware and 'intelligent' document management systems (EDMS). Workflow systems can run on a computer network...

**15/3,K/83      (Item 25 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

06801450      SUPPLIER NUMBER: 14466356      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Master of the forms market: a profile of Mark Skapinker. (President of Delrina Corp.) (Industry) (Interview)**

Eastwood, Alison  
Computing Canada, v19, n19, p11(1)  
Sept 13, 1993

DOCUMENT TYPE: Interview      ISSN: 0319-0161      LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 840      LINE COUNT: 00066

... s on Word for Windows -- and send it."

Delrina's latest offering is FormFlow, which **joins different companies** ' e-mail systems. The '**workflow**' concept is simple, says Skapinker. "We've been doing it for years. It's called...

**15/3,K/84      (Item 26 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

06460720      SUPPLIER NUMBER: 13762044      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Office.IQ. (from Portfolio Technologies Inc.) (Software Review) (one of ten**

**groupware software packages evaluated in Groupware: Are We Ready?)  
(Evaluation)**

Karney, James

PC Magazine, v12, n11, p291(3)

June 15, 1993

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1301 LINE COUNT: 00099

... group setting, but it still lacks advanced enforcement and full-text search options needed by **many organizations**. Nevertheless, its combination of desktop and **work - flow** metaphors is well integrated and provides a good framework for **collaborative** computing.

**15/3,K/85 (Item 27 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06355168 SUPPLIER NUMBER: 13912979

**Messaging backbones: making sure the mail (and more) gets through.**

**(E-mail) (includes related article on X.400 being no guarantee of interoperability) (Buyers Guide)**

Salamone, Salvatore

Data Communications, v22, n8, p54(7)

May 21, 1993

DOCUMENT TYPE: Buyers Guide ISSN: 0363-6399 LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

ABSTRACT: Corporate messaging networks are designed to automate **workflow**, improve productivity and boost performance. However, for **many companies**, that entails **linking multiple** local area networks (LANs) and various electronic mail systems. That task is becoming increasingly easier...

**15/3,K/86 (Item 28 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

05885434 SUPPLIER NUMBER: 12263949 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Building through internal service. (managing work flow)**

Supervisory Management, v37, n4, p11(1)

April, 1992

ISSN: 1045-263X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 464 LINE COUNT: 00040

...ABSTRACT: Operations: Strategies for Increasing Their Effectiveness and Controlling Their Cost,' advocates the adoption of a **work - flow** relationship that will simplify flow of work and increase productivity in an **organization** with **several** departments. Appearing in the Autumn 1991 issue of Organization Dynamics, Davis' article discusses the complicated **work - flow** relations and **communications** processes that resulted from the diversification of functions within organizations. Davis proposes the adoption of...

**15/3,K/87 (Item 29 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05504001 SUPPLIER NUMBER: 11491762 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**DIGITAL EQUIPMENT CORPORATION ANNOUNCES COMPREHENSIVE SET OF TEAM  
APPLICATIONS FOR MICROSOFT WINDOWS (Product Announcement)**  
PR Newswire, 1119A4932  
Nov 19, 1991  
DOCUMENT TYPE: Product Announcement LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 1961 LINE COUNT: 00195

... Ami Pro 2.0, and Freelance Graphics will be enhanced to support  
CDA, mail, distributed **shared** filing, and TeamRouteadministrative  
**workflow** services (see **separate** release).

Digital Equipment **Corporation**, with headquarters in Maynard, Mass.,  
is the leading worldwide supplier of networked computer systems, software  
...

**15/3,K/88 (Item 30 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05386592 SUPPLIER NUMBER: 11666570  
**Shared interests: groupware can help foster the teamwork so many companies  
are striving for. (Groupware) (InformationWeek Bonus Issue: December 30,  
1991)**  
Xenakis, John J.  
Information Week, n352, pS19(1)  
Dec 23, 1991  
ISSN: 8750-6874 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: will boost productivity. PG&E was fortunate to have only one  
installed E-mail system. **Many companies** must integrate **several  
different** e-mail systems, making the **connectivity** more difficult. A  
variant form of groupware is called **workflow** automation which includes  
voucher routing, scheduling, and follow-up reminder posting. This type of  
system...

**15/3,K/89 (Item 31 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05149125 SUPPLIER NUMBER: 10672975 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Letters. (Editorial/Opinion) (letter to the editor)**  
Salomon, Lawrence, Jr.; Aharon, Noam; Page, Bill  
PC Week, v8, n17, p62(1)  
April 29, 1991  
DOCUMENT TYPE: letter to the editor ISSN: 0740-1604 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 619 LINE COUNT: 00047

... your March 25 issue. In the First Look on AT&T's Rhapsody, you say  
" **many organizations** may find the **shared** responsibility for creating  
and maintaining the **work flows** ... awkward at times." This isn't  
specific to Rhapsody. It's true of project management...

**15/3,K/90 (Item 32 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

05121724 SUPPLIER NUMBER: 10498284 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Costly Rhapsody weds power, simplicity. (Software Review) (Work-Flow Systems Struggle Onward; AT and T's Rhapsody office automation software; includes related articles on the software's components and its investment value) (evaluation)**

Dilg, Brian

PC Week, v8, n12, p1(3)

March 25, 1991

DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1537 LINE COUNT: 00127

... benefit of forcing together specific business needs with the technology implemented to support it. Yet **many organizations** may find the **shared** responsibility for creating and maintaining the **work flows** -- among end-user departments, network administrators and applications developers --awkward at times.

Overlapping responsibility for...

**15/3,K/91 (Item 33 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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04893940 SUPPLIER NUMBER: 09271798 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Technology. (what management should do when implementing new systems) (column)**

Hershkowitz, Brian

Mortgage Banking, v51, n3, p53(1)

Dec, 1990

DOCUMENT TYPE: column ISSN: 0730-0212 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 813 LINE COUNT: 00066

... employees deal with the reassignment of tasks and priorities may depend on how well the **work flow** has been planned and **communicated** . **Many companies** are well automated. But, that is not necessarily enough. A major goal should be the...

**15/3,K/92 (Item 1 from file: 160)**

DIALOG(R)File 160:Gale Group PROMT(R)

(c) 1999 The Gale Group. All rts. reserv.

01967143

**AGA, INC. ANNOUNCES DISCUS 2001, PC-BASED ORGANIZATIONAL WORKFLOW MANAGEMENT SYSTEMS INTEGRATING OPTICAL STORAGE**

News Release April 15, 1988 p. 1

AGA's DISCUS 2001 is the first optical-based storage **workflow** management system which allows **many** users within an **organization** to store, access and **share** large volumes of data, images and sound from PC-based workstations running standard MS-DOS...

**15/3,K/93 (Item 1 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02183716 SUPPLIER NUMBER: 20776569 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Torque's Traffic aids communications. (Torque Systems's workflow tool) (Product Announcement)**

Seybold Report on Publishing Systems, v27, n14, p13(2)  
April 13, 1998

DOCUMENT TYPE: Product Announcement ISSN: 0736-7260 LANGUAGE:  
English RECORD TYPE: Fulltext  
WORD COUNT: 1422 LINE COUNT: 00109

... The Traffic system is ODBC compliant for access to industry-standard databases. To provide active **links** to asset management systems to incorporate them in the **workflow**, Torque is working with **several companies**. It already offers a live **link** to Canto Cumulus, and it is planning to offer links with products including Bitstream (formerly ...

**15/3,K/94 (Item 2 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02110542 SUPPLIER NUMBER: 19892507

**Passing the baton with four enterprise-ready workflow management products. (Action Technologies ActionWorks Metro and ActionWorks OnTrack, Open Text Livelink Intranet Suite 7, KeyFile Keyflow for Microsoft Exchange Server, Filenet Ensemble) (Software Review) (Evaluation)**

Cox, Nancy

Network Computing, v8, n19, p130(9)

Oct 15, 1997

DOCUMENT TYPE: Evaluation ISSN: 1046-4468 LANGUAGE: English  
RECORD TYPE: Abstract

...ABSTRACT: was Action Technologies ActionWorks Metro and ActionWorks OnTrack, providing a Web-based environment to deliver **collaborative workflow** process management to the **enterprise**. The **second** best software in the evaluation was Open Text Livelink Intranet Suite 7, which features collection...

**15/3,K/95 (Item 3 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02101239 SUPPLIER NUMBER: 19762147

**Work flow for the rest of us. (new work flow applications make the technology more accessible) (Technology Information)**

Richardson, Robert

Network, v12, n10, p73(4)

Oct, 1997

LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: through an organization, such as documents, forms and spreadsheets. The applications handle three types of **work flow**: ad hoc; administrative and queue-based; and **collaborative**. **Several companies** are now using the Web for **work flow** applications.

**15/3,K/96 (Item 4 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02004161 SUPPLIER NUMBER: 18818074 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**OV/400 supports Notes clients. (IBM's OfficeVision/400 Support for Lotus  
Notes Clients workgroup software) (Product Announcement) (Brief Article)**

Lardear, Jim

MIDRANGE Systems, v9, n16, p16(2)

Oct 25, 1996

DOCUMENT TYPE: Product Announcement Brief Article ISSN: 1041-8237

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 386 LINE COUNT: 00033

... known as groupware. Notes goes beyond standard E-mail and calendar services to include document **sharing**, conferencing, forms-based **workflow** and discussion databases.

**Many companies** see groupware as a way to re-engineer their business processes and improve efficiency. However...

**15/3,K/97 (Item 5 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01921379 SUPPLIER NUMBER: 18164360 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Using ODBC to access nontabular data. (ODBC Special Report) (Technology  
Information)**

Reed, Paul

DBMS, v9, n4, pS19(5)

April, 1996

ISSN: 1041-5173 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3386 LINE COUNT: 00268

... on the mainframe.

Lotus Notes

Lotus Notes has become a darling of the messaging and **workflow** marketplace. Notes has become a mainstay at **many** companies that use it for applications such as workgroup **collaborations** and complex sales tracking and monitoring. Because Notes organizes data into documents, Notes' internal database...

**15/3,K/98 (Item 6 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01901363 SUPPLIER NUMBER: 17911219 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Workflow will boom, says survey. (Industry Trend or Event)**

Computer Weekly, p20(1)

Jan 18, 1996

ISSN: 0010-4787 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 399 LINE COUNT: 00035

...ABSTRACT: are planning to use workflow systems between 1996 and 1998; almost all companies presently using **workflow** plan to extend its use. Presently, the low penetration of **workflow** IT into European **enterprises** is due to **several** factors. The European **workflow** market remains **associated** with document image processing, and users are confused about the software. The report notes that...

15/3,K/99 (Item 7 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01869652 SUPPLIER NUMBER: 17795532  
**Toward a new era of customer service. (Imaging in Financial Services supplement) (includes related article on return on investment) (Technology Information)**  
Insurance & Technology, v20, n10, pS2(4)  
Oct, 1995  
ISSN: 1054-0733 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: processing of loan applications is especially important to prevent consumers from going elsewhere. One insurer **links** imaging with **workflow** technology in order to establish better control over production and establish an **enterprisewide** solution. **Many** users have experienced a definite productivity gain and savings in the millions of dollars.

15/3,K/100 (Item 8 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01787559 SUPPLIER NUMBER: 16915935 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Spreading the revolution in workgroup computing. (Special Report: Workgroup Computing)**  
Davies, Ray  
PC User, n251, pS7(2)  
Jan 25, 1995  
ISSN: 0263-5720 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1315 LINE COUNT: 00113

... in a single product. Facilities such as a document database, free text retrieval, cross-platform **connectivity**, sample **workflow** applications and document image processing make it a powerful force.  
Developing applications  
What **many** **organisations** have found so attractive about Lotus Notes is its ability to develop and deploy relatively...

15/3,K/101 (Item 9 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01713432 SUPPLIER NUMBER: 16261833 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Maxim 1.0 for Windows. (visual application development software from KnowledgeWare Inc) (Software Review) (Evaluation)**  
Indemaur, Kurt  
DBMS, v7, n12, p36(2)  
Nov, 1994  
DOCUMENT TYPE: Evaluation ISSN: 1041-5173 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1164 LINE COUNT: 00090

... simple boxes, while decision processes can have more than one output, and appear as boxes **connected** to diamonds. "Flows" in the **Work Flow** Diagrammer **connect** one process to **another**, and can cross **organizational** unit bands. You create them by clicking and holding the left mouse button over one...

15/3,K/102 (Item 10 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01682155 SUPPLIER NUMBER: 15380462 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A panel discussion. (Association for Information and Image Management  
Conference) (discussion of wireless and groupware technology)**  
Computer Conference Analysis Newsletter, n341, p5(1)  
April 29, 1994  
ISSN: 1071-2216 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 402 LINE COUNT: 00031

... but, rather, accept a percentage of the cost savings. But, they  
won't do that!

**Many organizations** need more than one **work - flow** product. The  
**linkage** between them is important.

Vendors tend to be the hang-up in setting standards. You...

15/3,K/103 (Item 11 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01616358 SUPPLIER NUMBER: 13906039 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Word play. (word processing software packages for DEC VAX minicomputers)**  
**(Buyers Guide)**  
Massey, Judith  
DEC User, p15(3)  
April, 1993  
DOCUMENT TYPE: Buyers Guide ISSN: 0263-6530 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1699 LINE COUNT: 00133

... creating standard documents. One users, Nottingham Health  
Authority, uses All-In-1 to improve the **workflow** between **different**  
parts of the **organisation**. For example, secretaries use customised menus  
set up to trigger **links** from All-In-1 to the Authority's Patient  
Administration System (PAS). When they type...

15/3,K/104 (Item 12 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01499205 SUPPLIER NUMBER: 11883139 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Workflow applications. (an emerging method for sharing work) (Tutorial:  
lesson 43) (column) (Tutorial)**  
Schnaidt, Patricia  
LAN Magazine, v7, n2, p21(2)  
Feb, 1992  
DOCUMENT TYPE: Tutorial ISSN: 0898-0012 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1802 LINE COUNT: 00150

... who is accessing what information. Host-based, client-server, and  
personal productivity applications must be **connected** to the workflow  
system.

**Workflow** automation comes in four breeds: document flow, process  
automation, task automation, and workgroup tools. **Companies** will



implement the **different** types based on their corporate practices and philosophies. For example, a more structured company is...

**15/3,K/105 (Item 13 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01305978 SUPPLIER NUMBER: 07514686 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Benefits realization at Mercy Memorial results in a changed organizational culture. (includes a related article on American Express Health Care Systems)**

Watlington, Amanda G.

Computers in Healthcare, v10, n8, p26(5)

August, 1989

ISSN: 0745-1075 LANGUAGE: ENGLISH - RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2209 LINE COUNT: 00192

... closely connected with their departmental operations. In some instances, writing procedures required putting a familiar **workflow** down on paper. At **institutions** with **multiple** layers of management, this direct **connection** of management with departmental tasks is often overlooked.

In writing the new procedures, department managers...

**15/3,K/106 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

03875999 Supplier Number: 48462860 (USE FORMAT 7 FOR FULLTEXT)

**-STAFFWARE: Staffware in first web only WfMC interoperability demonstration**  
M2 Presswire, pN/A

May 4, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 692

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Staffware will be previewing an all new HTML based client. The WfMC interoperability standard allows **workflow** systems from multiple vendors to be **linked**. Business processes that span **multiple organisations** can therefore be automated from start to finish. In the demonstration Staffware will be showing...

**15/3,K/107 (Item 2 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

03763206 Supplier Number: 48143939 (USE FORMAT 7 FOR FULLTEXT)

**ERICSSON: Ericsson the leading call centre provider in Europe**

M2 Presswire, pN/A

Nov 26, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 424

... to continue meeting the rapidly evolving needs of the market, Ericsson has established partnerships with **several** leading **companies**,

specialised in areas that complement Ericsson's business **communications** expertise. These areas include **workflow** and business applications, workforce management, customer management and interactive voice response. The BusinessPhone and Consono...

**15/3,K/108 (Item 3 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03699565 Supplier Number: 47983356 (USE FORMAT 7 FOR FULLTEXT)  
**HARLEQUIN: Harlequin unveils EP2000 system modules at PRINT '97**  
M2 Presswire, pN/A  
Sept 16, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1830

... EP2000 Technology Alliances  
As part of the goal to provide its OEM partners with integrated **links** to industry-leading systems, Harlequin has established strategic alliances with **several companies** to integrate their technologies within the EP2000 Adaptive **Workflow** Optimization framework. The first of these technology alliances are with Cortron Corporation, IONA Technologies, 4...

**15/3,K/109 (Item 4 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03688519 Supplier Number: 47955788 (USE FORMAT 7 FOR FULLTEXT)  
**INDUSTRY BRIEFS**  
Document Imaging Report, v7, n18, pN/A  
Sept 3, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 494

... for integrating workflow systems with customer service operations. Used in conjunction with Mosaix's ViewStar **workflow** engine, the new RapidStart software lets application developers design systems without knowing proprietary scripting languages. **Many companies** are trying to hold onto their customers with systems using a single, companywide **workflow** to tie together fax, E-mail, paper correspondence and Internet **communication**, Mosaix reports. RapidStart costs \$30,000. (Mosaix Inc., 206/881-7544, <http://www.mosaix.com>...

**15/3,K/110 (Item 5 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03594397 Supplier Number: 47440637 (USE FORMAT 7 FOR FULLTEXT)  
**LOTUS: Lotus spotlights intranet applications for human resources that extend the reach of enterprise systems**  
M2 Presswire, pN/A  
June 3, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 812

... way to broadcast company-wide information to all employees," said Eileen Rudden, senior vice president, **Communications** Products Division, Lotus Development Corp. "Now many companies are leveraging the **workflow**, **communications** and integration capabilities of the Domino server to deliver secure, streamlined services for employees and...

15/3,K/111 (Item 6 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03534119 Supplier Number: 47302275 (USE FORMAT 7 FOR FULLTEXT)  
**MICROSOFT: Exchange becomes a leading platform for document management, imaging, workflow solutions**  
M2 Presswire, pN/A  
April 16, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 935

... Internet, communications and collaboration standards, Microsoft Exchange Server has been widely adopted as a key **communications** platform by many industries, including companies building applications for imaging, **workflow** and document management. As a development platform, its open architecture allows ISVs to easily write...

15/3,K/112 (Item 7 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03528211 Supplier Number: 47288645 (USE FORMAT 7 FOR FULLTEXT)  
**STAFFWARE PLC: Staffware Global -- The first enterprise wide web enabled workflow solution**  
M2 Presswire, pN/A  
April 11, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 914

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
M2 PRESSWIRE-11 April 1997-STAFFWARE PLC: Staffware Global -- The first enterprise wide web enabled **workflow** solution (C)1994-97 M2 **COMMUNICATIONS LTD**

15/3,K/113 (Item 8 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03159483 Supplier Number: 46469112 (USE FORMAT 7 FOR FULLTEXT)  
**WORKFLOW INTEROPERABILITY STANDARD IN WORKS: Electronic Commerce Users To Benefit**  
Electronic Commerce News, v1, n21, pN/A  
June 17, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; General  
Word Count: 576

... the same [product]," says Koulopoulos.

The proposed standard will enable departments to use job-specific **workflow** products and **communicate** with one **another** across the **enterprise**, says Sarin. Users would do this either through E-mail and the Internet or Microsoft...

15/3,K/114 (Item 9 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03155566 Supplier Number: 46460433 (USE FORMAT 7 FOR FULLTEXT)

**WORKFLOW INTEROPERABILITY STANDARD IN WORKS Document Management To Benefit**

Document Imaging Report, v6, n12, pN/A

June 12, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1149

... The standard proposed by the coalition's workgroup will enable departments to use job-specific **workflow** products and **communicate** with one **another** across the **enterprise**, says Sarin.

And users will do this either through E-mail and the Internet or...

15/3,K/115 (Item 10 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02995070 Supplier Number: 46111750 (USE FORMAT 7 FOR FULLTEXT)

**Media Systems forges new links**

Prepress Commentary, v1, n7, pN/A

Feb 1, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 85

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...reporting techniques. Both database and reporting are completely customisable, and will be configured to provide **Link** with a **workflow** tracking and planning system based exclusively on the requirements of the **company**. This is the **first** European installation of the Argus system which was introduced at DRUPA.

15/3,K/116 (Item 11 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

02878665 Supplier Number: 45842246 (USE FORMAT 7 FOR FULLTEXT)

**STAFFWARE: Product & platform announcements reaffirm Staffware's position as workflow world leader**

M2 Presswire, pN/A

Oct 6, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1116

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...STAFFWARE: Major product and platform announcements reaffirm Staffware's position as the world leader in **workflow** --Capabilities significantly extended to range from single user **workflow** to **enterprise**-wide **multiple workflows** (C)1994-95 M2 **COMMUNICATIONS LTD**

15/3,K/117 (Item 12 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

02320098. Supplier Number: 44516562 (USE FORMAT 7 FOR FULLTEXT)

**Jetform Signs Agreement to Acquire DVS Communications**

Multimedia Networking Newsletter, v2, n1, pN/A

March 15, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 360

... JetForm.

"JetForm and DVS Communications share a common goal -- to deliver knowledge tools and information- **sharing** software on an enterprise-wide basis to Fortune 500-sized **organizations** ," Ostrovsky said. " **Many** JetForm customers who are already benefiting from our enterprise-wide forms and **workflow** solutions are looking to us for the kinds of next-generation multimedia productivity solutions that...

Set	Items	Description
S1	22	AU=(NOTANI R? OR NOTANI R?)
S2	1947	WORKFLOW? OR WORK()FLOW? OR BUSINESS() (RULE? OR CYCLE?)
S3	5904973	PLURAL? OR SEVERAL OR VARIOUS OR MANY OR MULTIPL? OR NUMER- OUS OR DIFFERENT? OR FIRST OR SECOND OR 1ST OR 2ND OR ANOTHER OR SEPARATE?
S4	6917	S3(5N) (BUSINESS? OR COMPANY OR COMPANIES OR INSTITUTION? OR FACTORY OR FACTORIES OR ESTABLISHMENT? OR INCORPORATION?)
S5	6656	S3(5N) (CORPORATION? OR ORGANIZATION? OR ORGANISATION? OR E- NTERPRISE? OR INDUSTRY OR INDUSTRIES)
S6	101	S2 AND (S4 OR S5)
S7	1487007	COLLABORAT? OR SHARE? ? OR SHARING OR COMMUNICAT?
S8	4381747	JOIN? OR LINK? OR ASSOCIAT? OR CONNECT?
S9	48	S6 AND (S7 OR S8)
S10	24	S9 AND IC=G06F-017/60

? show file

File 344:Chinese Patents Abs Aug 1985-2003/Apr  
(c) 2003 European Patent Office

File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)  
(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200368  
(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.

10/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

07164160 \*\*Image available\*\*  
BUSINESS MANAGING SYSTEM, WORK FLOW PROCESSOR AND WORK FLOW  
MESSENGER

PUB. NO.: 2002-032544 [JP 2002032544 A]  
PUBLISHED: January 31, 2002 (20020131)  
INVENTOR(s): NAKAGAWA KATSUYA  
AIDA TAKESHI  
ISHIDA MASAFUSA  
TSUCHINO MASAYUKI  
NOHARA HIROTAKA  
APPLICANT(s): SUNTORY LTD  
SUNTORY LOGISTICS LTD  
APPL. NO.: 2000-213545 [JP 2000213545]  
FILED: July 13, 2000 (20000713)  
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a business managing system where certainty and operability on the business management of B-to-B can remarkably be improved compared with a conventional case.

SOLUTION: The business managing system is provided with a plurality of business performing sites 4 performing businesses allocated to orders given from an order 3 and a business managing site 2 giving an instruction on the progress of the business to the business performing sites 4 by cooperating them and monitoring the progress. Managing information on the instruction and monitoring on the business is exchanged between the business managing site 2 and the business performing sites 4 through a communication network 5.

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10/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07097757 \*\*Image available\*\*  
CONNECTOR ORIENTED WORKFLOW MANAGING SYSTEM AND WORKFLOW DETECTING  
METHOD

PUB. NO.: 2001-325413 [JP 2001325413 A]  
PUBLISHED: November 22, 2001 (20011122)  
INVENTOR(s): KAN TOSHU  
CHIN SAIYU  
RI SHOICHI  
KAKU MYUNZAI  
APPLICANT(s): KANKOKU JOHO TSUSHIN GAKUEN  
APPL. NO.: 2000-201314 [JP 2000201314]  
FILED: July 03, 2000 (20000703)  
PRIORITY: 00 200025972 [KR 200025972], KR (Korea) Republic of, May 16,  
2000 (20000516)  
INTL CLASS: G06F-017/60 ; G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a device and a method for supporting a

structural temporary **workflow** in a **connector** oriented **workflow** system to use a **connector** where a structural data transmitting function is added to the **connecting** function of a mailbox.

SOLUTION: Sections for processing jobs are **connected** through the **connector** and the **connector** is provided with a **workflow** managing part, which can store structural data designating the flow of job processing together with the file information of sections, for storing the information on the flow of the jobs provided to the **connector** in a first database as a **workflow** element for each section, a **workflow** instance detecting part for detecting the **workflow** element and storing the **workflow** elements having the same job flow in the first database while dividing them into **workflow** instances, a **workflow** model estimating part for merging the **workflow** instances in the first database, estimating one **workflow** template and storing it in a **second** database, and a **business** process modeling part for modeling the **workflow** template in the second database.

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10/5/3 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

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06961300 \*\*Image available\*\*

**WORKFLOW** CONTROL METHOD AND SYSTEM, STORAGE MEDIUM AND SERVER DEVICE

PUB. NO.: 2001-188865 [JP 2001188865 A]

PUBLISHED: July 10, 2001 (20010710)

INVENTOR(s): NAKAMURA YUICHI

NEYAMA AKIRA

SEKI DAISHIN

KAJITANI KOICHI

APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)

APPL. NO.: 11-369919 [JP 99369919]

FILED: December 27, 1999 (19991227)

INTL CLASS: G06F-019/00; **G06F-017/60**

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a new flow control means for a **workflow** control system for making a **business** document flow among **plural** participants.

SOLUTION: In this system provided with the server device provided with a storage device and terminal equipment **connected** through a network to the server device, relating to the server device, a document composed of data and a rule is generated corresponding to a request from the terminal equipment and stored in the storage device, the updating request of the document from first terminal equipment is received and whether or not the updating is proper is decided. When the updating request is proper, the updating of the document is executed and whether or not the processing of the document is ended is decided. When decided that it is not ended, a second terminal capable of updating next is identified and informed.

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10/5/4 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO



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06762240 \*\*Image available\*\*

**WORKFLOW** MANAGING METHOD AND ITS IMPLEMENTING DEVICE, AND RECORDING MEDIUM WHERE PROCESSING PROGRAM THEREOF IS RECORDED

PUB. NO.: 2000-348111 [JP 2000348111 A]

PUBLISHED: December 15, 2000 (20001215)

INVENTOR(s): KUREYAMA NOBUO

MIZOTE YUJI

TASAKA MITSUNOBU

MURASE SHOICHI

APPLICANT(s): HITACHI LTD

APPL. NO.: 11-153330 [JP 99153330]

FILED: June 01, 1999 (19990601)

INTL CLASS: G06F-019/00; G06F-009/46; G06F-012/00; **G06F-017/60**

#### ABSTRACT

PROBLEM TO BE SOLVED: To improve the reliability of multiple operations processed by a **workflow** by providing a means which starts a transaction and controls commitment and a means which controls and manages the progress states of the operations.

SOLUTION: A client request accepting process part 201 accepts a process request from a client operation process part 113 through a **communication** network. A transaction execution unit control process part 202, at the time of performing with the same transaction disposal of **business** over **multiple** operations, determines operation units to be performed by the same transaction according to process definitions, and then starts the transaction and control the commitment. An item execution state control process part 204 controls and manages the progress states of operations according to the process definitions. By this method, multiple operations which are processed by the **workflow** are executed as the same transaction, so the reliability of the operations can be improved.

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10/5/5 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015470024 \*\*Image available\*\*

WPI Acc No: 2003-532170/200350

XRPX Acc No: N03-422300

**Real-time** collaboration and workflow management system for marketing campaign, includes computer instructions having role portal component with at least two role portals, and workbench component which generates workbench on display

Patent Assignee: CORUGEDO G R (CORU-I); LOVE J (LOVE-I); LUDWIG-VOGEN A A (LUDW-I); O'HALLORAN J P (OHAL-I); PLOURDE R W (PLOU-I); TYNER C (TYNE-I); WAGNER T R (WAGN-I); ACCENTURE GLOBAL SERVICES GMBH (ACCE-N)

Inventor: CORUGEDO G R; LOVE J; LUDWIG-VOGEN A A; O'HALLORAN J P; PLOURDE R W; TYNER C; WAGNER T R; O'HALLORAN P J

Number of Countries: 100 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030078830	A1	20030424	US 200114840	A	20011022	200350 B
WO 200336420	A2	20030501	WO 2002US33433	A	20021021	200350

Priority Applications (No Type Date): US 200114840 A 20011022

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030078830 A1 23 G06F-017/60

WO 200336420 A2 E G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU  
ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB  
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

Abstract (Basic): US 20030078830 A1

NOVELTY - The system includes at least one display which shows the output of a processor to different users. The processor processes computer instructions stored in a memory. The computer instructions has a role portal component which provides at least two role portals that correspond to marketing roles within the marketing organization, and a workbench component which generates a workbench on the display.

DETAILED DESCRIPTION - The workbench corresponds to the role portals and allows a user to access metric and **workflow** information associated with his/her marketing role.

An INDEPENDENT CLAIM is also included for the marketing campaign creation **collaboration** method.

USE - For marketing campaign within marketing organization.

ADVANTAGE - Utilizes efficient tools to personnel of marketing organization. Integrates various functions in marketing organization. Expedites developing, analyzing, and launching marketing campaign. Increases effect of marketing, at reduced cost.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the real-time **collaboration** and **workflow** management system.

pp; 23 DwgNo 1/13

Title Terms: REAL; TIME; MANAGEMENT; SYSTEM; MARKET; CAMPAIGN; COMPUTER; INSTRUCTION; ROLE; PORTAL; COMPONENT; TWO; ROLE; PORTAL; WORKBENCH; COMPONENT; GENERATE; WORKBENCH; DISPLAY

Derwent Class: T01

International Patent Class (Main): G06F-000/00; G06F-017/60

File Segment: EPI

10/5/6 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015282292 \*\*Image available\*\*

WPI Acc No: 2003-343224/200332

XRPX Acc No: N03-274587

**Customer information management infrastructure uses customer information set to determine user-device and infrastructure-component interactions**

Patent Assignee: CURTIS D S (CURT-I); BANK OF AMERICA CORP (BANK-N)

Inventor: CURTIS D S

Number of Countries: 101 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200332225	A1	20030417	WO 2002US31233	A	20021002	200332 B
US 20030074342	A1	20030417	US 2001328095	P	20011011	200340
			US 200279017	A	20020221	

Priority Applications (No Type Date): US 200279017 A 20020221; US 2001328095 P 20011011

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
WO 200332225 A1 E 144 G06F-017/60  
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU  
ZA ZM ZW  
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB  
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW  
US 20030074342 A1 G06F-007/00 Provisional application US 2001328095

Abstract (Basic): WO 200332225 A1

NOVELTY - Infrastructure comprises an integrated customer information store with sets corresponding to a customer determining the set of user-device interactions and infrastructure-component interactions. The integrated customer information store is configured as a legacy system, there are 10,000, 100,000, 1,000,000, 10,000,000 or 50,000,000 customer information sets and customers, and there are 10, 100 or 500 service requests per second. The components are an authentication-and-authorisation-entitlement service and a services index or a business- **workflow** service, and there is a system-management service.

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for:

- (1) A method of processing simultaneous service requests
- (2) A service request processing system
- (3) A computer program for service request display

USE - Infrastructure is for enterprise-wide real-time management and use of information by large-scale businesses.

ADVANTAGE - Infrastructure can be **shared** by a wide variety of geographically dispersed users and a wide variety of legacy systems in a large enterprise. It can supply information about a large number of customers in real time across **multiple** product lines, **business** channels and user interfaces.

DESCRIPTION OF DRAWING(S) - The figure shows a conventional customer information management infrastructure.

pp; 144 DwgNo 1/20

Title Terms: CUSTOMER; INFORMATION; MANAGEMENT; CUSTOMER; INFORMATION; SET; DETERMINE; USER; DEVICE; COMPONENT; INTERACT

Derwent Class: T01

International Patent Class (Main): G06F-007/00; G06F-017/60

File Segment: EPI

10/5/7 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015209250 \*\*Image available\*\*

WPI Acc No: 2003-269786/200327

XRPX Acc No: N03-214039

**Method for expansion of the functional capability of a configurable control system for the workflow of a software system enabling different systems and protocols to be seamlessly connected together**

Patent Assignee: INUBIT AG (INUB-N)

Inventor: SCHMALE T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10136618	A1	20030213	DE 1036618	A	20010719	200327 B

Priority Applications (No Type Date): DE 1036618 A 20010719

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10136618	A1		21	G06F-017/60	

Abstract (Basic): DE 10136618 A1

NOVELTY - Method whereby the data-exchange interfaces to the software system are intrinsically designed in that the software system checks pre-determined parameters at the beginning of or during running of the software. The method is for use in an integration server, which is based on a multi-user concept.

DETAILED DESCRIPTION - The invention also relates to a corresponding computer program product.

USE - Provision of a seamless **business** integration platform whereby **different** IT applications, both internal and external to an organization can be **linked** together.

ADVANTAGE - The integrated platform is independent of the different types of systems and protocols combined together.

DESCRIPTION OF DRAWING(S) - Figure shows a point to point topology used in a typical network environment.

pp; 21 DwgNo 1a/13

Title Terms: METHOD; EXPAND; FUNCTION; CAPABLE; CONFIGURATION; CONTROL; SYSTEM; SOFTWARE; SYSTEM; ENABLE; SYSTEM; SEAM; **CONNECT**

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G06F-009/445; G06F-013/00

File Segment: EPI

10/5/8 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015042412 \*\*Image available\*\*

WPI Acc No: 2003-102928/200309

Related WPI Acc No: 2002-558023; 2003-128928

XRPX Acc No: N03-082256

**Deal process managing system for electronic business application, transmits deal documents to client system through network for review and approval, in response to reception of submitted documents relating to deal**

Patent Assignee: CHEYNS J G (CHEY-I); DOUGHERTY K A (DOUG-I); JONASON A M (JONA-I); MCCARTHY K M (MCCA-I)

Inventor: CHEYNS J G; DOUGHERTY K A; JONASON A M; MCCARTHY K M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020161602	A1	20021031	US 2001771358	A	20010127	200309 B
			US 2002123095	A	20020412	

Priority Applications (No Type Date): US 2002123095 A 20020412; US 2001771358 A 20010127

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020161602	A1		151	G06F-017/60	CIP of application US 2001771358

Abstract (Basic): US 20020161602 A1

NOVELTY - A server containing a database of deal information, **business rules**, libraries and templates for deals for a business entity, is **connected** to client system through network. The server

notifies members of a deal team of tasks to perform and milestones accomplished. The documents relating to a deal are received from a client system through a network and the received documents are transmitted to the client for review and approval.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Deal process managing method;
- (2) Deal process managing apparatus;
- (3) Database; and
- (4) Deal process managing program.

USE - For electronic business applications.

ADVANTAGE - Facilitates origination of new businesses and tracking transactions. Manages and creates deal related to documents once a prospective customer identifies a deal, hence provides functionality and flexibility for **different business** entities within a **company** and thereby their deal processes are stream lined and standardized. Eliminates inefficiencies in handling and moving paper, and facilitates a potential revenue enhancement and achievement of a competitive advantage by providing personalized transaction dealings with customer.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart identifying alternative interfaces used to attract prospects for deals.

pp; 151 DwgNo 1/119

Title Terms: DEAL; PROCESS; MANAGE; SYSTEM; ELECTRONIC; BUSINESS; APPLY;  
TRANSMIT; DEAL; DOCUMENT; CLIENT; SYSTEM; THROUGH; NETWORK; REVIEW;  
APPROVE; RESPOND; RECEPTION; SUBMIT; DOCUMENT; RELATED; DEAL

Derwent Class: T01; W01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

10/5/9 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015031307 \*\*Image available\*\*

WPI Acc No: 2003-091824/200308

XRPX Acc No: N03-072759

**Data definitions and business rules execution method in e-procurement system, involves implementing user requested transaction on hosted e-procurement system using business rules stored in organizational profile**

Patent Assignee: CARR R (CARR-I); GIDADHUBLI R R (GIDA-I); MOHIDEEN I (MOHI-I); NGUYEN T M (NGUY-I)

Inventor: CARR R; GIDADHUBLI R R; MOHIDEEN I; NGUYEN T M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020156687	A1	20021024	US 2001788611	A	20010221	200308 B

Priority Applications (No Type Date): US 2001788611 A 20010221

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020156687	A1	26	G06F-017/60	

Abstract (Basic): US 20020156687 A1

NOVELTY - **Multiple organizational** profiles containing **business rules** and **several users associated** with the profile, are dynamically maintained. A user requested transaction is implemented on

a hosted e-procurement system (200) with an application system by using the **business rules** stored in the organizational profile.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Computer readable storage medium storing data definitions and **business rules** executing program ; and

(2) data definitions and **business rules** executing apparatus.

USE - For executing data definitions and **business rules** in electronic procurement system.

ADVANTAGE - Maintains and executes **business rules** and data definitions efficiently and dynamically, thus electronic-procurement system is improved.

DESCRIPTION OF DRAWING(S) - The figure shows a **shared** executable hosted model of the e-procurement system.

E-procurement system (200)

pp; 26 DwgNo 2/11

Title Terms: DATA; DEFINE; BUSINESS; RULE; EXECUTE; METHOD; SYSTEM; IMPLEMENT; USER; REQUEST; TRANSACTION; SYSTEM; BUSINESS; RULE; STORAGE; PROFILE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

10/5/10 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014853494 \*\*Image available\*\*

WPI Acc No: 2002-674200/200272

XRPX Acc No: N02-533112

**Network-based business process managing system comprises mutually coupled information exchanging and outsider cooperative servers that are respectively connected to client devices of different departments inside and outside company**

Patent Assignee: FUJITSU LTD (FUIT )

Inventor: KOISO S; SUTO M; TAKIZAWA O

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020107710	A1	20020808	US 2001881737	A	20010618	200272 B
JP 2002230247	A	20020816	JP 200127498	A	20010202	200272

Priority Applications (No Type Date): JP 200127498 A 20010202

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20020107710	A1		23	G06F-017/60	
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JP 2002230247	A		21	G06F-017/60	
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Abstract (Basic): US 20020107710 A1

NOVELTY - A technical information exchanging server (100) and an outsider cooperative server are respectively **connected** to several client devices installed at **different** departments inside and outside a **company** through a network. The two servers are mutually **connected**. The server (100) stores the managing number corresponding to business processes and transmits stored technical and process information together to the outsider cooperative server.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Technical information exchanging server;

(2) Outsider cooperative server;

(3) Business process managing method;  
(4) Technical information exchanging server business process managing program; and  
(5) Outsider cooperative server business process managing program.  
USE - Business process managing system for processing information exchange of business transactions, and order-receiving and settlement processes between companies through a network.

ADVANTAGE - Since the technical information exchange server stores the managing number corresponding to each of the business processes, it is possible to totally manage the managing numbers so that billing documents, materials, etc., generated in the business processes are made in **association** with each other through the managing numbers. Since the information related to the **work flow** is **shared** between departments/companies, it is possible to easily confirm which department or job has a delay, and consequently to reduce delay in work. Since an ordered company is allowed to preliminary confirm the ordering information, it is possible to shorten the business procedure. Since the server device transmits the process information and technical information to the outsider cooperative server device, the user outside the company is allowed to receive the necessary information at one time, thereby reducing delay in work.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram illustrating an example of **work flow** process of an in-office use client device.

Technical information exchanging server (100)  
pp; 23 DwgNo 3/10

Title Terms: NETWORK; BASED; BUSINESS; PROCESS; MANAGE; SYSTEM; COMPRISE; MUTUAL; COUPLE; INFORMATION; EXCHANGE; COOPERATE; SERVE; RESPECTIVE;

**CONNECT** ; CLIENT; DEVICE; DEPARTMENT; COMPANY

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**10/5/11 (Item 7 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014821704 \*\*Image available\*\*

WPI Acc No: 2002-642410/200269

Related WPI Acc No: 2002-642409

XRPX Acc No: N02-507765

**Workflow management method for ASP in business application, involves corresponding activity set included in workflow to pricing scheme for user to determine common pricing definition information**

Patent Assignee: HITACHI LTD (HITA ); BENIYAMA N (BENI-I); KUSAMA T (KUSA-I); SUZUKI A (SUZU-I)

Inventor: BENIYAMA N; KUSAMA T; SUZUKI A

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020091560	A1	20020711	US 2001908590	A	20010720	200269 B
			US 200259327	A	20020131	
JP 2002189841	A	20020705	JP 2000391835	A	20001220	200269
JP 2003030390	A	20030131	JP 2001210147	A	20010711	200319

Priority Applications (No Type Date): JP 2001210147 A 20010711; JP 2000391835 A 20001220

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020091560 A1 23 G06F-017/60 CIP of application US 2001908590  
JP 2002189841 A 25 G06F-017/60  
JP 2003030390 A 14 G06F-017/60

Abstract (Basic): US 20020091560 A1

NOVELTY - Activities in a process are executed based on process definition information (0121) defining processing sequence between activities and holding execution history information on the activities. A common pricing definition information (0124) is defined by corresponding an activity set included in a **workflow** defined by the process definition information to a pricing scheme for a user **associated** with the execution.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) **Workflow** management program storing **workflow** management instructions;
- (2) **Workflow** management apparatus; and
- (3) Storage medium storing **workflow** management program.

USE - For application service provider (ASP) to manage **workflow** for **various business** applications and services.

ADVANTAGE - Since the pricing scheme is defined **associated** with the business flow, the scheme is readily understood by the user. Since the user is allowed to select a pricing scheme for each activity set, the pricing scheme is customized in consideration of the characteristics of each business process. Since the pricing information is unitarily stored in the **workflow** execution history information, the provider can readily manage the pricing information.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the **workflow** management system.

Process definition information (0121)

Pricing definition information (0124)

pp; 23 DwgNo 2/12

Title Terms: MANAGEMENT; METHOD; BUSINESS; APPLY; CORRESPOND; ACTIVE; SET; PRICE; SCHEME; USER; DETERMINE; COMMON; PRICE; DEFINE; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/12 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014763525 \*\*Image available\*\*

WPI Acc No: 2002-584229/200262

XRPX Acc No: N02-463309

**Computer system for integrating multiple resources in a service provider environment, includes at least one original and one receiving adapter and at least one business rule in communication with a workflow engine**

Patent Assignee: DEMBSKY I S (DEMB-I); FORBES C L (FORB-I); HARRIGAN B J (HARR-I); MARTEL T J (MART-I); PORTER W R (PORT-I); RAGHAVENDRA A M (RAGH-I); WILLCOX W J (WILL-I); AP ENGINES INC (APEN-N)

Inventor: DEMBSKY I S; FORBES C L; HARRIGAN B J; MARTEL T J; PORTER W R; RAGHAVENDRA A M; WILLCOX W J; FORBES C J

Number of Countries: 100 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200267111	A2	20020829	WO 2002US4447	A	20020215	200262 B
US 20020156664	A1	20021024	US 2001270313	A	20010220	200273



			US 2001945902	A	20010904	
US 20020161859	A1	20021031	US 2001270313	A	20010220	200274
			US 2001946039	A	20010904	
US 20020161840	A1	20021031	US 2001270313	A	20010220	200274
			US 2001946119	A	20010904	

Priority Applications (No Type Date): US 2001270313 P 20010220; US 2001945902 A 20010904; US 2001946119 A 20010904; US 2001946039 A 20010904

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200267111	A2	E	62	G06F-009/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

US 20020156664	A1		G06F-017/60	Provisional application	US 2001270313
US 20020161859	A1		G06F-017/60	Provisional application	US 2001270313
US 20020161840	A1		G06F-015/16	Provisional application	US 2001270313

Abstract (Basic): WO 200267111 A2

NOVELTY - The system includes one or more adapters (102,104,106,108,110,112,114,116), in **communication** with a **workflow** engine (100) to allow a requester to invoke a request on another object. The **workflow** engine is responsible for managing an interface to one or more **business rules** (122), passing commands and data between adapters and the **business rules**, managing interactions with the adapters and managing transactions.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) A computer program product for implementing a **workflow** engine; ( A computer program product for implementing an adapter; ( A method for integrating multiple resources in a service provider; ( A method for implementing a two phase commit protocol for service requests; ( A method for processing a long running transaction for a service request; ( A method for implementing a manual repair capacity for service requests; ( A method for changing a **business rule** for performing service requests; ( A system for automating service activation; ( An apparatus for implementing a two phase commit protocol; ( An apparatus for dynamically changing a **business rule**; ( An apparatus for processing a long running transaction; ( A **work flow** method; ( A method for processing in a **work flow** engine a service request that includes a long running transaction.

USE - For integrating multiple resources in a service provider environment.

ADVANTAGE - The **workflow** engine **linked** to **business rules** enables integration of **multiple**, **different** resources in a service provider environment.

DESCRIPTION OF DRAWING(S) - The figure is a block diagram illustrating a system for integrating multiple resources in a service provider environment.

**Workflow** engine ((102,104,106,108,110,112,114,116) Adapters ((122) **Business rules** . (100)

pp; 62 DwgNo 1/16

Title Terms: COMPUTER; SYSTEM; INTEGRATE; MULTIPLE; RESOURCE; SERVICE; ENVIRONMENT; ONE; ORIGINAL; ONE; RECEIVE; ONE; BUSINESS; RULE;

**COMMUNICATE ; ENGINE**

Derwent Class: T01

International Patent Class (Main): G06F-009/00; G06F-015/16; **G06F-017/60**

File Segment: EPI

**10/5/13 (Item 9 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014737699 \*\*Image available\*\*

WPI Acc No: 2002-558403/200260

XRPX Acc No: N02-442026

**Business policy representation generation system for collaborative business activities, creates links between compilation of business rules , and associated policy set to generate specific rules**

Patent Assignee: IBM CANADA LTD (IBMC ); INT BUSINESS MACHINES CORP (IBMC )

Inventor: ALBAZZ I O; MIRLAS L

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2324729	A1	20020430	CA 2324729	A	20001030	200260 B
US 20020103661	A1	20020801	US 20014076	A	20011030	200260

Priority Applications (No Type Date): CA 2324729 A 20001030

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2324729	A1	E	29	G06F-017/60	
US 20020103661	A1			G06F-017/60	

Abstract (Basic): CA 2324729 A1

NOVELTY - A computer stores compilation of **business rules** comprising **several** rules selected for inclusion in a business contract, and stores a policy set containing parameters corresponding to the selected rules. **Links** are created between the compiled rules and the policy set to generate specific rules. The **business rules** , the policy set and the **links** are interlocked.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Business policy representation generation method;
- (2) Business activity governing system; and
- (3) Network-based business activity conducting method.

USE - For generating representation of business policy for conducting **collaborative** business activities, **workflow** control, electronic commerce, and for industries such as health care industry, government, or manufacturing industries.

ADVANTAGE - Enables central storage of business enterprise's policies and rules, thereby facilitating the implementation of changes within an organization, hence enhances efficiency of integration of two or more trading enterprises into a business arrangement. Maintains absolute conformity with the terms and constraints of the policy set and minimizes manual administrative activities designed to enforce compliance with the organization's policies and procedures.

DESCRIPTION OF DRAWING(S) - The figure shows an activity diagram explaining the creation and installation of **business rules** book.

pp; 29 DwgNo 1/7

Title Terms: BUSINESS; REPRESENT; GENERATE; SYSTEM; BUSINESS; ACTIVE; **LINK** ; COMPILE; BUSINESS; RULE; **ASSOCIATE** ; SET; GENERATE; SPECIFIC; RULE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

10/5/14 (Item 10 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014595162 \*\*Image available\*\*  
WPI Acc No: 2002-415866/200244  
Related WPI Acc No: 2002-415809; 2002-415865  
XRPX Acc No: N02-327191

**Intermediates and refined products trading and logistics support method  
in petroleum industry , involves posting different versions of trade  
data at host site in computer network**

Patent Assignee: PETROVANTAGE INC (PETR-N)  
Inventor: ALLEN M D; BARTEL W C; COHN B H; COLLINS S P; DIETRICH D A; DOYLE  
S J; EVANS M P; FOLGER S D; HAKIMATTER L; JOHNSON N; KIDD N; LOGAN B A;  
MAHALEC V; MOORE C C; NAVANI G; PATEL V; ROSEN K; STOMMEL J H; ZAYADINE K  
; HAKIMATTAR L

Number of Countries: 023 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200221401	A2	20020314	WO 2001US28039	A	20010907	200244 B
US 20020049667	A1	20020425	US 2000230840	P	20000907	200244
			US 2001950291	A	20010907	
EP 1317726	A1	20030611	EP 2001968642	A	20010907	200339
			WO 2001US28039	A	20010907	

Priority Applications (No Type Date): US 2000230840 P 20000907; US  
2001950291 A 20010907

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200221401	A2	E	82	G06F-017/60	
Designated States (National): CA JP					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
US 20020049667	A1			G06F-017/60	Provisional application US 2000230840
EP 1317726	A1	E		G06F-017/60	Based on patent WO 200221401
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR					

Abstract (Basic): WO 200221401 A2

NOVELTY - Different versions of trade data indicating petroleum commodity, quantity and proposed trade recipients, and represented as a function of trade recipient, are electronically posted at a host site in a computer network. Each proposed trade recipient is permitted to log into the host site to view a respective version of the trade data, and subsequently respond to fulfill a trade.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Crude oil trade deal analyzing method;
  - (b) Intermediate feedstock trade deal analyzing method;
  - (c) Real time analysis of crude oil composite;
  - (d) Composite blendstocks analyzing method;
  - (e) Crude oil, intermediate feedstocks and petroleum product arbitrage relationships analyzing method;
  - (f) Domain specific network search engine providing method
- USE - In petroleum industry.

ADVANTAGE - The **collaborative** workflow environment allows user to deal rapidly with various activities involved during lifecycle of a trade, dramatically reducing time and complexity necessary to

co-ordinate the multiple resources to close deals and arrange  
**associated** logistics.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic overview  
of computer network.

pp; 82 DwgNo 1/13

Title Terms: INTERMEDIATE; REFINE; PRODUCT; TRADE; LOGISTIC; SUPPORT;  
METHOD; PETROL; INDUSTRIAL; POST; VERSION; TRADE; DATA; HOST; SITE;  
COMPUTER; NETWORK

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**10/5/15 (Item 11 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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014367878 \*\*Image available\*\*

WPI Acc No: 2002-188580/200224

XRPX Acc No: N02-142966

**Business management system for workflow management has business  
performing sites**

Patent Assignee: SUNTORY LTD (SUNR ); SUNTORY LOGISTICS LTD (SUNT-N);  
SUNTORY LOGISTICS KK (SUNR ); SUNTORY LOGISTICS LTD (SUNR ); AIDA T  
(AIDA-I); HIJINO M (HIJI-I); ISHIDA T (ISHI-I); NAKAGAWA K (NAKA-I);  
NOHARA H (NOHA-I)

Inventor: AIDA T; HIJINO M; ISHIDA T; NAKAGAWA K; NOHARA H

Number of Countries: 025 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200207026	A1	20020124	WO 2001JP6108	A	20010713	200224 B
JP 2002032544	A	20020131	JP 2000213545	A	20000713	200224
KR 2002031189	A	20020426	KR 2002703337	A	20020313	200270
US 20030046143	A1	20030306	WO 2001JP6108	A	20010713	200320
			US 200270731	A	20020312	
EP 1300791	A1	20030409	EP 2001948017	A	20010713	200325
			WO 2001JP6108	A	20010713	
CN 1386233	A	20021218	CN 2001802029	A	20010713	200326

Priority Applications (No Type Date): JP 2000213545 A 20000713

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200207026 A1 J 48 G06F-017/60

Designated States (National): CA CN KR US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE TR

JP 2002032544 A 15 G06F-017/60

KR 2002031189 A G06F-017/60

US 20030046143 A1 G06F-017/60

EP 1300791 A1 E G06F-017/60 Based on patent WO 200207026

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE TR

CN 1386233 A G06F-017/60

Abstract (Basic): WO 200207026 A1

NOVELTY - A business management system capable of more dramatically  
enhancing managing dependability and operability than ever in a  
business-to-business **business** management, the system comprising a  
**plurality of different business** performing sites (4) for  
performing respectively allocated jobs on orders given by an order (3),  
and a business management site (2) for instructing the progresses of

jobs to the **plurality** of **business** performing sites (4) respectively while keeping them in cooperation with one another and monitoring the progresses, managing information on business instructions and monitoring being exchanged between the business management site (2) and respective business performing sites (4) via **communications** networks (5).

USE - Business management system business has business performing sites

DESCRIPTION OF DRAWING(S) - **Plurality** of **different** **business** performing sites (4)

Order (3)

Business management site (2)

**Communications** networks (5)

pp; 48 DwgNo 1/8

Title Terms: BUSINESS; MANAGEMENT; SYSTEM; MANAGEMENT; BUSINESS;

PERFORMANCE; SITE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**10/5/16** (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014334116 \*\*Image available\*\*

WPI Acc No: 2002-154819/200220

XRPX Acc No: N02-117694

**Business information management system, includes a database containing organization data for the business entity, and an interface device for exchanging data between two business entities**

Patent Assignee: SPONDULI SERVICES LTD (SPON-N); MAGEE G T (MAGE-I)

Inventor: MAGEE G T

Number of Countries: 096 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200203269	A1	20020110	WO 2001AU794	A	20010703	200220 B
AU 200168834	A	20020114	AU 200168834	A	20010703	200237
US 20030040935	A1	20030227	WO 2001AU794	A	20010703	200318
			US 2002204690	A	20020822	

Priority Applications (No Type Date): AU 20008539 A 20000703

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200203269 A1 E 20 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200168834 A G06F-017/60 Based on patent WO 200203269

US 20030040935 A1 G06F-017/60

Abstract (Basic): WO 200203269 A1

NOVELTY - Database (8) contains organization data for business entity defining hierarchical arrangement (12) of users (24,26,28,30,32,34) within entity. Interface device (6) exchanges data with **another** **business** entity (4); engine (10) **communicates** with interface (6) and is arranged to exchange data with other businesses

regarding transactions between the businesses, and to store data in database.

DETAILED DESCRIPTION - The database (8) further containing configuration data defining **business rules** to control the operations, each user's access to data in the database and which of the operations each user may perform on the data.

USE - For business information management system.

ADVANTAGE - Facilitates transactions. Users with appropriate permissions are able to execute production and analysis operations. Thus, the business entity can use the system to not only use purchase items and receive orders, but can generate work schedules based on existing orders and their delivery dates. This provides an integrated package for a business entity not previously available. Further, as orders are fulfilled, **business rules** may be provided for automatically generating an order to replenish stock used in producing the order for approval by a user.

DESCRIPTION OF DRAWING(S) - The diagram shows the business information management system  
database (8)  
interface (6)  
pp; 20 DwgNo 1/1

Title Terms: BUSINESS; INFORMATION; MANAGEMENT; SYSTEM; DATABASE; CONTAIN;  
ORGANISE; DATA; BUSINESS; ENTITY; INTERFACE; DEVICE; EXCHANGE; DATA; TWO;  
BUSINESS; ENTITY

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**10/5/17 (Item 13 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013781343 \*\*Image available\*\*

WPI Acc No: 2001-265554/200127

Related WPI Acc No: 2001-315836

XRPX Acc No: N01-189934

**Business rule provision method to applications in on-line business service, involves maintaining business rule engine with rules and target information, and permitting applications to obtain ordered set of rules**

Patent Assignee: NETWORK SOLUTIONS INC (NETW-N)

Inventor: SRIVASTAVA M; HOLLENBECK S; HOLTZMAN D; MCMILLIAN B; SARAF N

Number of Countries: 091 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200065507	A2	20001102	WO 2000US10782	A	20000424	200127 .B
AU 200048004	A	20001110	AU 200048004	A	20000424	200127
NO 200105160	A	20011221	WO 2000US10980	A	20000424	200220
			NO 20015160	A	20011022	
EP 1183632	A2	20020306	EP 2000930126	A	20000424	200224
			WO 2000US10782	A	20000424	
KR 2002022650	A	20020327	KR 2001713490	A	20011022	200264

Priority Applications (No Type Date): US 99130568 P 19990422

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200065507 A2 E 23 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH  
CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW  
AU 200048004 A G06F-017/60 Based on patent WO 200065507  
NO 200105160 A G06F-000/00  
EP 1183632 A2 E G06F-017/60 Based on patent WO 200065507  
Designated States (Regional): AL DE GB LT LV MK RO SI  
KR 2002022650 A G06F-017/00

Abstract (Basic): WO 200065507 A2

NOVELTY - The method involves maintaining the **business rule** engine containing information reflecting rules and targets, and **associations** between the rules and targets. Applications are permitted to obtain an ordered set of rules through the engine.

DETAILED DESCRIPTION - The method involves maintaining the rules which correspond to **business** policies in a location **separate** from that of application code **associated** with the applications. An interface is provided such that each application can use a set of methods to receive information corresponding to rules and target. Each rule is stored in a singleton object. The **business rule** engine contains a **business rule** engine class that accepts requests for targets and rules from applications. The class provides a handle **associated** with the engine to applications. An INDEPENDENT CLAIM is also included for system for maintaining **business rule** engine.

USE - For providing **business rules** to e-commerce applications such as entire bookstore, training site or domain name registry site or an accounting application. For on-line business service provision to customer's through data processing system **connected** to internet.

ADVANTAGE - Solves the inherent problems with existing systems that incorporate **business rules** by providing a **business rule** engine that serves as a **business rule** repository for **business rules**. Provides a facility to modify, add, or delete both **business rules** and targets and modify the order of execution by the application.

DESCRIPTION OF DRAWING(S) - The figure depicts a flow chart of steps performed by the **business rule** server when providing **business rules** to applications.

pp; 23 DwgNo 6/6

Title Terms: BUSINESS; RULE; PROVISION; METHOD; APPLY; LINE; BUSINESS; SERVICE; MAINTAIN; BUSINESS; RULE; ENGINE; RULE; TARGET; INFORMATION; PERMIT; APPLY; OBTAIN; ORDER; SET; RULE

Derwent Class: T01

International Patent Class (Main): G06F-000/00; G06F-017/00; **G06F-017/60**

File Segment: EPI

10/5/18 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013628272 \*\*Image available\*\*

WPI Acc No: 2001-112480/200112

Related WPI Acc No: 2001-070642

XRPX Acc No: N01-082543

**Commerce system for conducting transactions via Internet has series of point of sale terminals connected to central database with interconnected service providers**

Patent Assignee: IND WIDE NETWORKS PTY LTD (INWI-N)

Inventor: HILSON D A

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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Bode Akintola27-Oct-03

WO 200101300 A1 20010104 WO 2000AU730 A 20000628 200112 B  
AU 200061391 A 20010131 AU 200061391 A 20000628 200124

Priority Applications (No Type Date): AU 991235 A 19990628

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200101300 A1 E 96 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200061391 A G06F-017/60 Based on patent WO 200101300

Abstract (Basic): WO 200101300 A1

NOVELTY - The Industry Wide Network IWN interconnects entities using XML messaging and CORBA (common object request broker) to **communicate** to/from the central database. An IWN engine consisting of message conversion engine, **workflow** repository, data/object store and a transaction processor serves as a switchboard. The XML engine interacts with peripheral applications i.e. merchant terminal, web frontend, eCommerce brokerage operation, a payment and messaging engine.

DETAILED DESCRIPTION - The merchant engine has a point of sale terminal running via a browser (40) with java applets allowing terminal to **connect** to the IWN network. Data sent to IWN clearing house server, if not in XML format is forwarded to a translator and then queued in the **workflow** repository. A transaction processing engine sequences interactions using **business rules** from the **workflow** repository to ensure security and reliability. An INDEPENDENT CLAIM is also included for a method of conducting commercial transactions over the Internet.

USE - For conducting transactions via Internet.

ADVANTAGE - It allows direct selling of goods over the Internet from the producer to the customer, without commercial **business** arrangements which often require **separate** electronic fund transfer point of sale facilities. As a result, small businesses can increase its uptake of Internet type operations.

DESCRIPTION OF DRAWING(S) - The figure illustrates a schematic arrangement of the process of execution transactions by a merchant/consumer and Industry wide Network.

Browser (40)

pp; 96 DwgNo 1/7

Title Terms: SYSTEM; CONDUCTING; TRANSACTION; SERIES; POINT; SALE; TERMINAL  
; **CONNECT** ; CENTRAL; DATABASE; INTERCONNECT; SERVICE

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/19 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013342725 \*\*Image available\*\*

WPI Acc No: 2000-514664/200046

XRPX Acc No: N00-380403

Business information processing method involves creating multiple dimension database using data mart, wherein each dimension of database corresponds to variables derived from business rules established in



# industry

Patent Assignee: HARMONY SOFTWARE INC (HARM-N)  
Inventor: GARDEPE C E; GARDEPE E B  
Number of Countries: 090 Number of Patents: 005  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200042553	A2	20000720	WO 2000US728	A	20000113	200046	B
AU 200022254	A	20000801	AU 200022254	A	20000113	200054	
EP 1177515	A2	20020206	EP 2000901410	A	20000113	200218	
			WO 2000US728	A	20000113		
KR 2002003858	A	20020115	KR 2001708950	A	20010714	200247	
JP 2002535756	W	20021022	JP 2000594060	A	20000113	200301	
			WO 2000US728	A	20000113		

Priority Applications (No Type Date): US 99231819 A 19990115

## Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200042553	A2	E	43	G06F-017/60	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
AU 200022254	A			G06F-017/60	Based on patent WO 200042553
EP 1177515	A2	E		G06F-017/60	Based on patent WO 200042553
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
KR 2002003858	A			G06F-017/60	
JP 2002535756	W		53	G06F-017/60	Based on patent WO 200042553

Abstract (Basic): WO 200042553 A2

NOVELTY - A portion of business information is extracted from data warehouse, using rules obtained based on metastored information and arc stored in data mart. Using data mart, multiple dimension database is created wherein each dimension of database corresponds to variables derived from **business rules** established in industry.

DETAILED DESCRIPTION - Business information from enterprises (102,104) are stored in data warehouse, based on a set of standardized categories. Rules for extracting business information from data warehouse is obtained, by using metastored information which describe organization of business information. An INDEPENDENT CLAIM is also included for data processing system.

USE - For processing business information such as inventory, sales records, shipping costs, account receivables, employee salaries, obtained from **multiple enterprises**.

ADVANTAGE - By **sharing** business information, each enterprise can measure their business performance, which helps more accurate business forecasts in markets, where the supply and demand for products or services varies rapidly. By processing business information, metric values, business reports and other information can uniformly be distributed through out the **company** to **various** managers based upon their position and responsibilities in the organization.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram and representation of **multiple enterprises sharing** information.

Enterprises (102,104)

pp; 43 DwgNo 1/12

Title Terms: BUSINESS; INFORMATION; PROCESS; METHOD; MULTIPLE; DIMENSION; DATABASE; DATA; DIMENSION; DATABASE; CORRESPOND; VARIABLE; DERIVATIVE; BUSINESS; RULE; ESTABLISH; INDUSTRIAL

Derwent Class: T01

International Patent Class (Main): G06F-017/60  
International Patent Class (Additional): G06F-017/30  
File Segment: EPI

10/5/20 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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012925536 \*\*Image available\*\*

WPI Acc No: 2000-097372/200008

Related WPI Acc No: 2000-087108; 2000-087109; 2000-087110; 2000-097371;  
2000-097373; 2000-105719; 2000-116385; 2002-113098

XRPX Acc No: N00-075234

**Computer based distributed workflow managing method for supply chain,  
enterprise, site planning in factories**

Patent Assignee: I2 TECHNOLOGIES INC (ITWO-N)

Inventor: NOTANI R N; PARASNIS A V; WHIPPLE M B

Number of Countries: 085 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9963464	A1	19991209	WO 99US12345	A	19990603	200008 B
AU 9950798	A	19991220	AU 9950798	A	19990603	200021
EP 1082688	A1	20010314	EP 99935288	A	19990603	200116
			WO 99US12345	A	19990603	
KR 2001052567	A	20010625	KR 2000713736	A	20001204	200173
JP 2002517826	W	20020618	WO 99US12345	A	19990603	200242
			JP 2000552608	A	19990603	

Priority Applications (No Type Date): US 98156334 A 19980918; US 9892348 A 19980605

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9963464 A1 E 60 G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9950798 A G06F-017/60 Based on patent WO 9963464

EP 1082688 A1 E G06F-017/60 Based on patent WO 9963464

Designated States (Regional): DE FR GB

KR 2001052567 A G06F-017/60

JP 2002517826 W 60 G06F-017/60 Based on patent WO 9963464

Abstract (Basic): WO 9963464 A1

NOVELTY - A set of predefined function is stored for a **workflow** that is performed at several distributed nodes. The **workflow** is interacted with each node to perform the predefined functions.

DETAILED DESCRIPTION - The set of predefined functions are operated to generate a **workflow** between **multiple enterprises**. The predefined functions are operated to transmit data **associated** with the operation of the **workflow** at each distributed node to a monitoring system. An INDEPENDENT CLAIM is also included for computer based method for generating **collaboration** between **several enterprises**.

USE - For managing **workflow** in supply chain, enterprise and site planning in factories.

ADVANTAGE - The computer process automatically interacts with the

**workflow** at each distributed node to perform predefined functions. Provides factory level and supply chain level decision support for optimal decision making. Avoids **collaboration** between enterprises for optimal decision making. Improves data security such that unauthorized person cannot modify data.

DESCRIPTION OF DRAWING(S) - The figure illustrates the components of the global **collaboration** framework.

pp; 60 DwgNo 2/21

Title Terms: COMPUTER; BASED; DISTRIBUTE; MANAGE; METHOD; SUPPLY; CHAIN; SITE; PLAN; FACTORY

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**10/5/21 (Item 17 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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012337101 \*\*Image available\*\*

WPI Acc No: 1999-143208/199912

XRPX Acc No: N99-104027

**Method for providing services in work flow system on enterprise wide scale - defines 1st work flow class with definitions of classes of objects available and of service provided by instance of 1st class and 2nd including 1st definition and providing interface**

Patent Assignee: FILENET CORP (FILE-N); POINDEXTER L K (POIN-I); SEIDMAN G R (SEID-I); TIMM S R (TIMM-I); WADDINGTON B A (WADD-I)

Inventor: POINDEXTER L K; SEIDMAN G R; TIMM S R; WADDINGTON B A

Number of Countries: 023 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9905632	A1	19990204	WO 98US15565	A	19980723	199912 B
AU 9886649	A	19990216	AU 9886649	A	19980723	199926
EP 996916	A1	20000503	EP 98938035	A	19980723	200026
			WO 98US15565	A	19980723	
US 6338074	B1	20020108	US 97899408	A	19970723	200211
US 20020059466	A1	20020516	US 97899408	A	19970723	200237
			US 2001989833	A	20011119	
US 20030093458	A1	20030515	US 97899408	A	19970723	200335
			US 2001989833	A	20011119	
			US 2002328072	A	20021223	

Priority Applications (No Type Date): US 97899408 A 19970723; US 2001989833 A 20011119; US 2002328072 A 20021223

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9905632 A1 E 46 G06F-017/60

Designated States (National): AU CA JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

AU 9886649 A Based on patent WO 9905632

EP 996916 A1 E G06F-017/60 Based on patent WO 9905632

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

US 6338074 B1 G06F-015/00

US 20020059466 A1 G06F-015/16 Cont of application US 97899408

US 20030093458 A1 G06F-015/16 Cont of application US 97899408

Cont of application US 2001989833

Cont of patent US 6338074

Abstract (Basic): WO 9905632 A

NOVELTY - The method provides an **enterprise wide work flow** system encompassing **multiple** geographically separate sites that are either permanently or transiently **linked**. It uses a single computer network accommodating multiple **work flow** systems and a single **work flow** system (fig 5) distributed over multiple local area networks.

USE - For automating document processing in a distributed computing environment and for implementing **work flow** systems on an enterprise wide scale.

ADVANTAGE - System is easily scaled up from serving single site to serving multiple sites. It is transparent to both user and **work flow** definition itself. DESCRIPTION OF DRAWING(S) - The drawing shows a schematic of a single site, multiple partition **work flow** system. (fig 5) single **work flow** system.

Dwg.5/5

Title Terms: METHOD; SERVICE; WORK; FLOW; SYSTEM; WIDE; SCALE; DEFINE; WORK ; FLOW; CLASS; DEFINE; CLASS; OBJECT; AVAILABLE; SERVICE; INSTANCE; CLASS ; DEFINE; INTERFACE

Derwent Class: T01

International Patent Class (Main): G06F-015/00; G06F-015/16; **G06F-017/60**

File Segment: EPI

**10/5/22 (Item 18 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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011946079 \*\*Image available\*\*

WPI Acc No: 1998-362989/199831

**Computer executable work - flow control method - storing definition building data items, each of which is associated with one of the organisation identifiers**

Patent Assignee: FMR CORP (FMRF-N); GIBSON K U (GIBS-I); SCHAPIRO J (SCHA-I); TURLEY W N (TURL-I)

Inventor: GIBSON K U; SCHAPIRO J J; TURLEY W N; SCHAPIRO J

Number of Countries: 026 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9827500	A1	19980625	WO 97US23600	A	19971218	199831 B
AU 9858035	A	19980715	AU 9858035	A	19971218	199846
US 6006193	A	19991221	US 96769503	A	19961218	200006
EP 1008076	A1	20000614	EP 97954193	A	19971218	200033
			WO 97US23600	A	19971218	
NZ 336796	A	20010330	NZ 336796	A	19971218	200121
JP 2001506386	W	20010515	WO 97US23600	A	19971218	200133
			JP 98528008	A	19971218	
AU 200238178	A	20020620	AU 9858035	A	19971218	200252 N
			AU 200238178	A	20020503	

Priority Applications (No Type Date): US 96769503 A 19961218; AU 200238178 A 20020503

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9827500 A1 E 44 G06F-017/60

Designated States (National): AU CA CN JP KR MX NZ

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT LU MC NL PT SE

AU 9858035 A Based on patent WO 9827500

EP 1008076 A1 E G06F-017/60 Based on patent WO 9827500

Designated States (Regional): FR GB  
NZ 336796 A G06F-017/60 Div in patent NZ 510008  
JP 2001506386 W 41 G06F-017/60 Based on patent WO 9827500  
AU 200238178 A G06F-017/60 Div ex application AU 9858035

Abstract (Basic): WO 9827500 A

The method is computer system executable and controls access to, or processing of, a work item. The work item is stored in a database of work items for subsequent execution by at least one operator. The database is used by **several organisations**. The operator belongs to one of the organisations. The method involves storing in a memory **several organisation** identifiers and **several** definitional data items. Each one of the organisation identifiers is **associated** with a corresponding one of the organisations. Each one of the definitional data items is **associated** with a corresponding one of the organisation identifiers. Each one of the definitional data items controls access to, or processing of, work items.

The method further involves providing the operator with access to, or allowing the operator to be affected by, one of the definitional data items only if the operator is **associated** with the same organisation identifier **associated** with definitional data item. The definitional data item controls access to, or processing of, the work item.

ADVANTAGE - Access rules maintained by each sub-organisation are provided specifically to prevent access by the sub-organisation to work items not pertaining to the sub-organisation.

Dwg.1/10

Title Terms: COMPUTER; EXECUTE; WORK; FLOW; CONTROL; METHOD; STORAGE;  
DEFINE; BUILD; DATA; ITEM; **ASSOCIATE** ; ONE; ORGANISE; IDENTIFY

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

10/5/23 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011805042 \*\*Image available\*\*

WPI Acc No: 1998-221952/199820

XRPX Acc No: N98-175809

**Distributed processing system using network for goods transactions in various companies - includes data transfer part which performs communication of task management information between other systems**

Patent Assignee: FUJI XEROX CO LTD (XERF )

Inventor: HAYASHI S

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10063747	A	19980306	JP 96218743	A	19960820	199820 B
US 6026365	A	20000215	US 97912641	A	19970818	200016

Priority Applications (No Type Date): JP 96218743 A 19960820

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10063747	A	19	G06F-019/00	
US 6026365	A		G06F-017/60	

Abstract (Basic): JP 10063747 A

The system includes a first database (11) which stores the task

management information for attaining the **work flow** . A transducer (12) converts for every task, the contents of a task sheet (3) which is an electronic document. The task sheet is stored in a second database (13) or in an open document server (14). The pointer which shows the storage location of the task sheet corresponding to the relationship between the tasks is included in the task management information and also in the task sheet.

The **link** of the task sheet is performed with the pointer and the task sheet corresponding to the related task is referred by following the pointer. Thus the progress situation is grasped. A transfer part performs transfer of task management information between other systems.

ADVANTAGE - Enables to refer to task sheet sequentially. Eases data transfer and extraction of electronic document.

Dwg.1/12

Title Terms: DISTRIBUTE; PROCESS; SYSTEM; NETWORK; GOODS; TRANSACTION;  
VARIOUS; COMPANY; DATA; TRANSFER; PART; PERFORMANCE; **COMMUNICATE** ; TASK;  
MANAGEMENT; INFORMATION; SYSTEM

Derwent Class: T01

International Patent Class (Main): **G06F-017/60** ; G06F-019/00

International Patent Class (Additional): G06F-015/00; G06F-017/21

File Segment: EPI

**10/5/24 (Item 20 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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010795082 \*\*Image available\*\*

WPI Acc No: 1996-292035/199630

XRPX Acc No: N96-245337

**Work flow system for office processing automation - uses cooperation data to link server of different subsystems so that document of first server can be circulated between terminals of second server**

Patent Assignee: HITACHI LTD (HITA )

Inventor: AKIFUJI S; MAJIMA H; SAITO T; TOGE T; TSUJI H

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8123744	A	19960517	JP 94262208	A	19941026	199630 B
US 5867824	A	19990202	US 95546912	A	19951023	199912
US 6032124	A	20000229	US 95546912	A	19951023	200018
			US 99232495	A	19990115	

Priority Applications (No Type Date): JP 94262208 A 19941026

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8123744	A		13	G06F-013/00	
US 6032124	A			G06F-017/60	Div ex application US 95546912
					Div ex patent US 5867824
US 5867824	A			G06F-017/60	

Abstract (Basic): JP 8123744 A

The system has several subsystems (180) **connected** to a wide area network (140). Each subsystem has a server (110) and several client terminals (120). The first server holds the data which specify the discharge of a circulation document (160) to a business process definition (150). The BP definition describes the circulation path of the document in the server.

The second server **linked** to the first server takes the data which specify the discharge of the circulation document to a BP definition.

Cooperation data (170) are used for the **link** of the two servers to circulate the document from the first server between the terminals of the second server.

ADVANTAGE - Ensures easy BP definition change. Automatically matches cooperation interface of BP definition when describing **business** process over **several** posts.

Dwg.1/17

Title Terms: WORK; FLOW; SYSTEM; OFFICE; PROCESS; AUTOMATIC; COOPERATE;  
DATA; **LINK** ; SERVE; SUBSYSTEM; SO; DOCUMENT; FIRST; SERVE; CAN;  
CIRCULATE; TERMINAL; SECOND; SERVE

Index Terms/Additional Words: WAN

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00; **G06F-017/60**

International Patent Class (Additional): G06F-017/21; H04L-012/54;

H04L-012/58

File Segment: EPI

Set	Items	Description
S1	0	AU=(NOTANI R? OR NOTANI, R?)
S2	11843	WORKFLOW? OR WORK()FLOW?
S3	5401596	PLURAL? OR SEVERAL OR VARIOUS OR MANY OR MULTIPL? OR NUMER- OUS OR DIFFERENT? OR FIRST OR SECOND OR 1ST OR 2ND OR ANOTHER OR SEPARATE?
S4	65157	S3(5N) (CORPORATION? OR ORGANIZATION? OR ORGANISATION? OR E- NTERPRISE? OR INDUSTRY OR INDUSTRIES)
S5	76720	S3(3N) (COMPANY OR COMPANIES OR INSTITUTION? OR FACTORY OR - FACTORIES OR ESTABLISHMENT? OR INCORPORATION?)
S6	138220	S4 OR S5
S7	4575	S6(7N) (COLLABORAT? OR SHARE? ? OR SHARING OR COMMUNICAT?)
S8	4798	S6(7N) (JOIN? OR LINK? OR ASSOCIAT? OR CONNECT? OR SPLIT?)
S9	9171	S7 OR S8
S10	69	S2 AND S9
S11	31	S10 NOT PY>1998
S12	28	RD (unique items)

? show file

File 2:INSPEC 1969-2003/Oct W3  
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(c) 2002 The Gale Group

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(c)2003 Info.Sources Inc



12/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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6153507 INSPEC Abstract Number: C1999-03-7104-008

**Title: A proposal of Interworkflow system with three dimensional user interface**

Author(s): Hiramatsu, K.; Hayami, H.; Okada, K.; Matsushita, Y.

Author Affiliation: Fac. of Sci. & Technol., Keio Univ., Kanagawa, Japan

Journal: Transactions of the Information Processing Society of Japan  
vol.39, no.10 p.2846-54

Publisher: Inf. Process. Soc. Japan,

Publication Date: Oct. 1998 Country of Publication: Japan

CODEN: JSGRD5 ISSN: 0387-5806

SICI: 0387-5806(199810)39:10L:2846:PISW;1-Z

Material Identity Number: T205-1999-001

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Nowadays, in many enterprises, for the purpose of efficiency improvement and the automation of the business, a **workflow** management system is used. Although it is effective as a business support inside of the single organization, it is difficult to apply this management system to connect more than two organizations. The paper discusses the Interworkflow system which supports business **connections** between **multiple organizations** which have **different workflow** management systems. The Interworkflow system consists of the following three sub-systems and has a user friendly interface: three-dimensional graphical modeling tool which describes Interworkflow; a translator and verifier which supports the construction of each **workflow** ; and the Interworkflow administration system in a distributed environment. (14 Refs)

Subfile: C

Descriptors: business communication; business data processing; computer graphics; user interfaces; **workflow** management software

Identifiers: Interworkflow system; three dimensional user interface; 3D user interface; enterprises; business; **workflow** management systems; organization; business connections; user friendly interface; 3D graphical modeling tool; administration system; distributed environment

Class Codes: C7104 (Office automation); C6180 (User interfaces); C6130B (Graphics techniques)

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12/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6040725 INSPEC Abstract Number: C9811-7100-040

**Title: Security moving from database systems to ERP systems**

Author(s): van de Riet, R.; Janssen, W.; de Gruijter, P.

Author Affiliation: CASC-Deloitte & Touche, Amsterdam, Netherlands

Conference Title: Proceedings Ninth International Workshop on Database and Expert Systems Applications (Cat. No.98EX130) p.273-80

Editor(s): Tjoa, A.M.; Wagner, R.R.

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1998 Country of Publication: USA xix+1023 pp.

ISBN: 0 8186 8353 8 Material Identity Number: XX98-02383

U.S. Copyright Clearance Center Code: 0 8186 8353 8/98/\$10.00

Conference Title: Proceedings Ninth International Workshop on Database and Expert Systems Applications

Conference Sponsor: IEEE Comput. Soc.; DEXA Assoc.; Austrian Comput. Soc.

; Res. Inst. Appl. Knowledge Process (FAW); Univ. Vienna  
Conference Date: 26-28 Aug. 1998 Conference Location: Vienna, Austria  
Language: English Document Type: Conference Paper (PA)  
Treatment: Applications (A); Practical (P)  
Abstract: Usage of Information Systems moves from a central database system with many application programs to fully integrated systems with which an **enterprise** is handling **many** of its information and **communication** problems (ERP). In this paper we study how these systems deal with the security issue; we see that on the one hand by moving the security from the database level to the ERP level, advantages by having centrally defined and maintained security rules get lost, on the other hand it is possible to exploit **WorkFlow** Management (WFM) techniques to define security procedures more properly, such that the "separation of duty" principle can be applied. We demonstrate this on the tricky security rules for the security employees themselves. (16 Refs)  
Subfile: C  
Descriptors: database management systems; management information systems; security of data  
Identifiers: fully integrated systems; ERP level; database level;  
**workflow** management; separation of duty; enterprise resource planning  
Class Codes: C7100 (Business and administration); C6130S (Data security)  
Copyright 1998, IEE

12/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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6034516 INSPEC Abstract Number: C9811-6170-009

**Title: Scheduling non-enforceable contracts among autonomous agents**

Author(s): Tesch, T.; Aberer, K.

Author Affiliation: Nat. Res. Center for Inf. Technol., Darmstadt, Germany

Conference Title: Proceedings. 3rd IFCIS International Conference on Cooperative Information Systems (Cat. No.98EX122) p.86-94

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1998 Country of Publication: USA xii+418 pp.

ISBN: 0 8186 8380 5 Material Identity Number: XX98-02233

U.S. Copyright Clearance Center Code: 0 8186 8380 5/98/\$10.00

Conference Title: Proceedings of Third IFCIS Conference on Cooperative Information Systems (CoopIS'98)

Conference Sponsor: Int. Found. Cooperative Inf. Syst.; New Jersey Inst. Technol

Conference Date: 20-22 Aug. 1998 Conference Location: New York, NY, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T)

Abstract: With the emergence of fast and standardized **communication** infrastructures over which **separately** designed agents of **different organizations** can interact in real-time, there is an increasing demand for cooperation mechanisms that allow to carry out inter-organizational cooperations in a safe way. The lack of external control over an agent's decisions, resources and actions hamper the usage of traditional transaction and **workflow** technology to make self-interested agents cooperate, i.e., agents cannot not be forced from a mediating cooperation instance to continue a cooperation. The challenge is, therefore, to design a cooperation mechanism that motivates cooperating agents to carry out a specified contract and, in case of unilateral defection, ensures that none of the cooperators can benefit from the situation. In this paper we present a domain independent framework how non-enforceable cooperations can be made

safe against unilateral defection. We have developed a utility-based scheduling algorithm that keeps a cooperation in equilibrium and that motivates agents to continue a cooperation as long as it is for all participants beneficial. (21 Refs)

Subfile: C

Descriptors: cooperative systems; distributed databases; software agents

Identifiers: autonomous agents; inter-organizational cooperations; cooperation mechanisms; utility-based scheduling

Class Codes: C6170 (Expert systems); C6160B (Distributed databases)

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12/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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5849925 INSPEC Abstract Number: C9804-7160-014

**Title: Four dimensions of interorganizational, document-oriented workflow : A case study of the approval of hazardous-waste disposal**

Author(s): Wewers, T.; Wargitsch, C.

Author Affiliation: Erlangen-Nurnberg Univ., Germany

Conference Title: Proceedings of the Thirty-First Hawaii International Conference on System Sciences (Cat. No.98TB100216) Part vol.4 p. 332-41 vol.4

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1998 Country of Publication: USA 7 vol. (xiv+689+ix+346+xi+470+xiv+581+xi+481+xiv+753+xvi+849) pp.

ISBN: 0 8186 8255 8 Material Identity Number: XX98-00242

U.S. Copyright Clearance Center Code: 1060-3425/98/\$10.00

Conference Title: Proceedings of the Thirty-First Hawaii International Conference on System Sciences

Conference Sponsor: Univ. Hawaii

Conference Date: 6-9 Jan. 1998 Conference Location: Kohala Coast, HI, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: The approval of hazardous-waste disposal is a highly regulated, interorganizational business process and was established in order to monitor the whereabouts of hazardous waste in Germany. It is carried out by a waste-producing company, a waste-disposal company, and the approving authority. The result of the process is a disposal record that authorizes the waste producer to dispose of a certain type and quantity of hazardous waste in the approved way. We present a system that supports this process and embed it in a framework for interorganizational, document-oriented **workflow**. Four dimensions are identified: the organization, document and **workflow** control data, communication channels, and naming/directory services. The two main system components are the "Work-onnector" and "WAX". The former follows a "send" model assuming **separate workflows** in the cooperating **organizations**, the latter is based on a "share" model meaning that one organization is in charge of the service provision and has therefore complete control over the system. (27 Refs)

Subfile: C

Descriptors: materials handling; production control; stock control data processing; waste disposal

Identifiers: hazardous-waste disposal; approval; interorganizational; document-oriented; **workflow**; hazardous waste; service provision; cooperating organizations

Class Codes: C7160 (Manufacturing and industrial administration); C3310 (Natural resources and environmental control); C1290F (Systems theory applications in industry); C7480 (Production engineering computing)

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12/5/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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5828730 INSPEC Abstract Number: C9803-6110F-020

**Title: ActivityFlow: towards incremental specification and flexible coordination of workflow activities**

Author(s): Ling Liu; Pu, C.

Author Affiliation: Dept. of Comput. Sci. & Eng., Oregon Graduate Inst., Portland, OR, USA

Conference Title: Conceptual Modeling - ER '97. 16th International Conference on Conceptual Modeling. Proceedings p.169-82

Editor(s): Embley, D.W.; Goldstein, R.C.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 1997 Country of Publication: Germany xv+477 pp.

ISBN: 3 540 63699 4 Material Identity Number: XX97-02732

Conference Title: Conceptual Modeling - ER '97. 16th International Conference on Conceptual Modeling. Proceedings

Conference Date: 3-5 Nov. 1997 Conference Location: Los Angeles, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: We introduce the ActivityFlow specification language for incremental specification and flexible coordination of **workflow** activities. The most interesting features of the ActivityFlow specification language include: (1) a collection of specification mechanisms, which provides a **workflow** designer with a uniform **workflow** specification interface to describe different types (i.e., ad hoc, administrative, or production) of **workflows** involved in their organizational processes, and helps to increase the flexibility of **workflow** processes in accommodating changes; (2) a set of activity modeling facilities, which enables the **workflow** designer to describe the flow of work declaratively and incrementally, allowing reasoning about correctness and security of complex **workflow** activities independently from their underlying implementation mechanisms; (3) an open architecture that supports user interaction as well as **collaboration** of **workflow** systems of **different organizations**.

(11 Refs)

Subfile: C

Descriptors: business data processing; formal specification; office automation; specification languages

Identifiers: ActivityFlow specification language; incremental specification; flexible coordination; **workflow** activities; specification language; specification mechanisms; **workflow** designer; uniform **workflow** specification interface; organizational processes; activity modeling facilities; reasoning; correctness; security; underlying implementation mechanisms; open architecture; user interaction; **workflow** systems

Class Codes: C6110F (Formal methods); C6140D (High level languages); C7104 (Office automation)

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12/5/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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5753419 INSPEC Abstract Number: C9712-7100-090

**Title: A business process design method for applying workflow tools-using the concept of business process design pattern**

Author(s): Kobayashi, T.; Ogoshi, S.; Komoda, N.  
Author Affiliation: Inst. of Adv. Bus. Syst., Hitachi Ltd., Yokohama, Japan  
Conference Title: 1997 IEEE International Conference on Systems, Man, and Cybernetics. Computational Cybernetics and Simulation (Cat. No.97CH36088-5) Part vol.3 p.2314-19 vol.3  
Publisher: IEEE, New York, NY, USA  
Publication Date: 1997 Country of Publication: USA 5 vol. 4535 pp.  
ISBN: 0 7803 4053 1 Material Identity Number: XX97-02539  
U.S. Copyright Clearance Center Code: 0 7803 4053 1/97/\$10.00  
Conference Title: 1997 IEEE International Conference on Systems, Man, and Cybernetics. Computational Cybernetics and Simulation  
Conference Sponsor: Syst., Man, & Cybernetics Soc. IEEE  
Conference Date: 12-15 Oct. 1997 Conference Location: Orlando, FL, USA  
Language: English Document Type: Conference Paper (PA)  
Treatment: Practical (P)  
Abstract: Focuses on the collaboration in the business process, and proposes the design methodology to develop the flexible business process, which easily follows various status changes. A new concept "business process design pattern": which is based on the language/action perspective, is introduced. The business process design pattern is the basic structure for the target business independent of the problem change. By means of this methodology, the business process reengineering can be executed step by step according to the problem change toward the final goal, and in case of the routine process, the design pattern can be **shared** among **many** departments and **corporations**. (10 Refs)  
Subfile: C  
Descriptors: groupware; systems analysis; systems re-engineering  
Identifiers: business process design method; **workflow** tools; business process design pattern; language/action perspective; business process reengineering  
Class Codes: C7100 (Business and administration); C6110 (Systems analysis and programming); C6130G (Groupware)  
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12/5/7 (Item 7 from file: 2)  
DIALOG(R) File 2:INSPEC  
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5625156

**Title: Tracking gets on track [problem-resolution software in government]**  
Journal: Communications News vol.34, no.5 p.58-9  
Publisher: Nelson Publishing,  
Publication Date: May 1997 Country of Publication: USA  
CODEN: CMUNA9 ISSN: 0010-3632  
SICI: 0010-3632(199705)34:5L:58:TGTP;1-8  
Material Identity Number: F947-97006  
Language: English Document Type: Journal Paper (JP)  
Treatment: Practical (P)  
Abstract: Problem-resolution software is helping the US Government handle communications more efficiently-and efficient public servants are happier public servants, at least in two cases. After evaluating three solutions, Human Resources Service Center (HRSC) chose SupportMagic, from Magic Solutions. It enables help desk managers to control all aspects of system management, allowing them to customize data entry and queries, track staff availability, monitor activity and performance, and create specialized reports. Problem-resolution software also helped solve a **communications** problem for a **company** operating in **another** branch of government: the U.S. Congress. InterAmerica Technologies, a 26-year-old firm specializing in government contracts and information/ inquiry fulfillment, provides

correspondence and **workflow** management for the U.S. Senate and House of Representatives. Mounting problems made it clear that InterAmerica's help-desk system needed to be updated. (0 Refs)

Subfile: D

Descriptors: public administration; technical support services

Identifiers: problem-resolution software; US Government; HRSC; SupportMagic; Magic Solutions; help desk; US Congress; InterAmerica Technologies; Human Resources Service Center

Class Codes: D2120 (Public administration and law)

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12/5/8 (Item 8 from file: 2)

DIALOG(R) File 2:INSPEC

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5620169 INSPEC Abstract Number: C9708-7100-050

**Title: Electronic data interchange in interorganizational business processes**

Author(s): Gruhn, V.

Journal: Wirtschaftsinformatik vol.39, no.3 p.225-30

Publisher: Friedr. Vieweg & Sohn Verlagsgesellschaft,

Publication Date: June 1997 Country of Publication: Germany

CODEN: WIINE9 ISSN: 0937-6429

SICI: 0937-6429(199706)39:3L:225:EDII;1-O

Material Identity Number: N814-97003

Language: German Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Business process (re-)engineering and **workflow** management are important techniques to improve quality and productivity, but often the redesign of business processes only occurs within a company. Opportunities resulting from a redesign of interfaces between companies remain unexploited. In contrast, electronic data interchange (EDI) is a means to improve **communication** between **several companies**, however without addressing a reorganization of the internal business processes. This article presents an integrated approach which supports the use of EDI in the course of designing interorganizational business processes. This approach is based on organizational charts, role models, FUNSOFT nets, and extended entity-relationship models. (12 Refs)

Subfile: C

Descriptors: business communication; business data processing; diagrams; electronic data interchange; entity-relationship modelling; relational databases; systems re-engineering

Identifiers: electronic data interchange; EDI; interorganizational business processes; business process re-engineering; **workflow** management; quality; productivity; company; business communication; organizational charts; role models; FUNSOFT nets; extended entity-relationship models

Class Codes: C7100 (Business and administration); C6130E (Data interchange); C6110 (Systems analysis and programming)

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12/5/9 (Item 9 from file: 2)

DIALOG(R) File 2:INSPEC

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5382284 INSPEC Abstract Number: C9611-7160-007

**Title: Workflow management and optimization of business processes**

Author(s): Lindo, W.

Journal: ZWF Zeitschrift fur Wirtschaftlichen Fabrikbetrieb vol.91,

no.9 p.419-20

Publisher: Carl Hanser Verlag,  
Publication Date: Sept. 1996 Country of Publication: Germany  
CODEN: ZZWFF4 ISSN: 0947-0085  
SICI: 0947-0085(199609)91:9L:419:WMOB;1-T  
Material Identity Number: D490-96008  
Language: German Document Type: Journal Paper (JP)  
Treatment: Practical (P)

Abstract: At present, **many enterprises** face the challenge to **link workflow** management (WFM) with business process optimization (BPO). In the meantime, a wide range of products and services are offered in this area. Compatibility between computer-assisted WFM and BPO tools is a central aspect in this issue. (0 Refs)

Subfile: C

Descriptors: business data processing; manufacturing data processing;  
open systems; production control

Identifiers: **workflow** management; enterprises; business process  
optimization; compatibility; computer-assisted tools

Class Codes: C7160 (Manufacturing and industrial administration); C7480  
(Production engineering computing)

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12/5/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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4789361 INSPEC Abstract Number: C9411-7104-034

**Title:** Workflow as groupware: a case for group language?

**Author(s):** Bock, G.

**Author Affiliation:** Office Syst. Applications Group, Digital Equipment  
Corp., Nashua, NH, USA  
p.168-70

**Editor(s):** Coleman, D.D.

**Publisher:** Morgan Kaufmann Publishers, San Mateo, CA, USA

**Publication Date:** 1992 **Country of Publication:** USA xv+543 pp.

**Conference Title:** Proceedings of Groupware '92

**Conference Date:** 2-5 Aug. 1992 **Conference Location:** San Jose, CA, USA

**Language:** English **Document Type:** Conference Paper (PA)

**Treatment:** General, Review (G)

Abstract: At first glance **workflow** systems and groupware applications appear antithetical to one another. **Workflow** systems seek to automate formal policies and procedures, enabling the reengineering of basic business processes. Groupware applications seek to facilitate informal group interactions by enhancing communications, coordination and **collaboration** of task teams. Both attempt to improve **organizational** effectiveness, beginning with **different** definitions of work. In fact, **workflow** concepts may be part of a groupware application in surprisingly new ways. I make the case for first discovering and then enabling group language in order to build coordination environments. (3 Refs)

Subfile: C

Descriptors: groupware; office automation; systems analysis

Identifiers: group language; **workflow**; groupware; business  
reengineering; formal policy automation; formal procedure automation;  
informal group interactions; communications; coordination; collaboration;  
task teams; organizational effectiveness

Class Codes: C7104 (Office automation); C6150N (Distributed systems);  
C6110 (Systems analysis and programming)

12/5/11 (Item 11 from file: 2)  
DIALOG(R)File 2:INSPEC  
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4408387 INSPEC Abstract Number: C9306-7100-027

**Title: Capability based modeling**

Author(s): Bussler, C.  
Author Affiliation: Digital Equipment Corp., Mountain View, CA, USA  
Conference Title: Enterprise Integration Modeling. Proceedings of the First International Conference p.389-98  
Editor(s): Petrie, C.J., Jr.  
Publisher: MIT Press, Cambridge, MA, USA  
Publication Date: 1992 Country of Publication: USA xii+563 pp.  
ISBN: 0 262 66080 6  
Conference Date: 8-12 June 1992 Conference Location: Hilton Head, SC, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: There is a wide variety of enterprise coordination models proposed each showing different characteristics: Petri-net models, **work flow** models, office automation models as well as advanced database models. Each of them gives a way to describe enterprise coordination in a formal way. Few models however try to structure and include the environment the collaboration takes place in. The environment is always the enterprise or even more than one **enterprise**, if the **collaboration** spans **several**. Capability based modeling introduced in this paper gives a formal way to capture and structure enterprises. (6 Refs)

Subfile: C

Descriptors: administrative data processing

Identifiers: enterprise coordination models; Petri-net models; **work flow** models; office automation models; database models

Class Codes: C7100 (Business and administration)

12/5/12 (Item 12 from file: 2)  
DIALOG(R)File 2:INSPEC  
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03030747 INSPEC Abstract Number: B88005787, C88004357

**Title: Streamlining engineering for substations**

Author(s): Hughes, C.; Headley, T.

Journal: Canadian Electronics Engineering vol.31, no.4 p.36-40

Publication Date: May 1987 Country of Publication: Canada

CODEN: CAEEAM ISSN: 0008-3461

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); General, Review (G)

Abstract: Successful planning and follow-through of substation engineering projects depends on how well information is communicated between the engineers responsible for designing and modifying substation facilities. Engineers from different departments often design, process, and track multiple projects in the same area. With traditional manual systems, this could involve coordinating thousands of site, structural or electrical drawings, collected from a number of separate sources, some manual and some mechanized. For such projects to operate efficiently and finish on schedule-and within budget-there must be a way for substation, distribution, and transmission engineers to **share** information. **Many** power **companies** are now turning to interactive computer graphics systems to integrate the entire substation design process and create more efficient engineering environments. **Workflow** integration is made possible through the use of a substation 'model' which becomes the focal point for planning,



design, and maintenance. The substation model is composed of the graphic portrayal of designs of existing and proposed facilities, as well as nongraphic information attached to each substation feature. The substation model places at the engineer's disposal a storehouse of up-to-date and reliable information, which can be sorted, formatted, manipulated, and displayed according to any design or engineering need. At any time in the substation **workflow**, engineers can access the work done by others and use it as a reference for their own parts of the project. (0 Refs)

Subfile: B C

Descriptors: electrical engineering computing; power system CAD; substations

Identifiers: **workflow** integration; substation CAD; up to date information; distribution engineers; substation engineers; substation engineering; track multiple projects; transmission engineers; interactive computer graphics systems; substation design process; efficient engineering environments; substation model; graphic portrayal of designs; proposed facilities; nongraphic information; reliable information

Class Codes: B8370 (Switchgear); B8375 (Substations); C7410B (Power engineering)

12/5/13 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01673297 ORDER NO: AAD99-08804

**DYNAMIC CONTROL OF STOCHASTIC PROCESSING NETWORKS: A FLUID MODEL APPROACH**  
( WORKFLOW )

Author: MAGLARAS, CONSTANTINOS

Degree: PH.D.

Year: 1998

Corporate Source/Institution: STANFORD UNIVERSITY (0212)

Adviser: SUNIL KUMAR

Source: VOLUME 59/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 5505. 141 PAGES

Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL ; ENGINEERING,  
INDUSTRIAL ; OPERATIONS RESEARCH

Descriptor Codes: 0544; 0546; 0796

Today's **communication**, computer and manufacturing **industries** offer **many** examples of technological systems in which "units of work" visit a number of different "servers" in the course of their processing, and in which the **workflow** is subject to stochastic variability. Our work focuses on dynamic control for these "stochastic processing networks."

In general, stochastic processing networks are difficult to analyze and control, and, with very few exceptions, problems of realistic scale quickly become analytically and computationally intractable. One promising approach in addressing these problems that has emerged from research over the past 10-15 years, uses a hierarchy of approximate models that provide tractable "relaxations" of the original problem as the basis for analysis and synthesis of "good" control policies.

The work in this dissertation follows along the same lines. Specifically, the approach taken here is based on approximating (or replacing) the stochastic network by its fluid analog, this is a model with deterministic and continuous dynamics, solving an associated fluid optimal control problem, and then using the derived fluid control policy in order to define an implementable policy in the original stochastic network. A major obstacle in this policy design methodology is in translating the information derived from analysis of the tractable approximate model into an implementable policy in the stochastic system in a way that guarantees stability and optimal or "near-optimal" performance. This problem has been

recognized by many researchers in relation to both fluid and Brownian (diffusion) approximations in the past. The main contribution of this thesis will be in proposing and analyzing a family of discrete-review policies that addresses and solves this problem. Each policy in this family translates the solution of an associated fluid optimal control problem in an implementable policy for the stochastic network, in a way that guarantees stability and achieves asymptotically optimal performance under fluid scaling.

We conclude by presenting several extensions to the proposed framework that generalize the class of networks under consideration and increase the practical appeal of the proposed family of control policies.

12/5/14 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01598734 ORDER NO: AAD98-00560

**DEVELOPING A WEB-CENTRIC PROCESS TO SUPPORT INSPECTION (WORLD WIDE WEB, PROCESS MANAGEMENT, DATA INTERCHANGE)**

Author: ROJAS MOLINA, EDDY MAURICIO

Degree: PH.D.

Year: 1997

Corporate Source/Institution: UNIVERSITY OF COLORADO AT BOULDER (0051)

Director: ANTHONY D. SONGER

Source: VOLUME 58/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3804. 193 PAGES

Descriptors: ENGINEERING, CIVIL ; ENGINEERING, SYSTEM SCIENCE ;  
INFORMATION SCIENCE

Descriptor Codes: 0543; 0790; 0723

The multi-party nature of the Architecture, Engineering, and Construction (AEC) industry creates a challenging environment for successful project implementation. Project success relies heavily on timely transfer of information among owners, project managers, general contractors, trade contractors, cities, inspectors, designers, and lawyers. This task is made difficult by the lack of standard systems of data interchange among project participants.

The World Wide Web (WWW) with the **incorporation** of **several** new technologies opens new avenues for **collaborative** engineering by merging Web pages with software applications into a new platform: Web-centric systems. These smart systems can cross the organizational boundaries providing a unique opportunity for team work and **work flow** automation among otherwise isolated entities.

Web technologies can be applied to automate individual functions without supporting entire processes. On the other hand, reengineering efforts can be conducted to completely redesign processes without implementing Web technologies. However, when Web technologies are implemented through reengineering efforts the results are Web-centric systems that support whole processes or Web-centric processes.

This research focuses on the implementation and evaluation of a Web-centric process that supports inspection. The process is called: "Field Inspection Reporting System" or FIRS. The evaluation is executed through a case study performed at the Department of Facilities Management of the University of Colorado at Boulder.

The development of a Web-centric process to support inspection is a contribution in its own right. The new process, FIRS, is 20% cheaper, faster, and offers better quality and service. The state of the art of inspection has been redefined by setting up new standards for performance. However, the knowledge that this research generates transcends the inspection process and even the construction industry.

FIRS is better because it is a Web-centric process and as such it establishes a new paradigm for process management. The main characteristics of this new paradigm shift are centered around the concepts of ownership, accessibility, availability, and timeliness of information together with the notions of process implementation and control.

12/5/15 (Item 3 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01097625 ORDER NO: AAD90-10781

**THE DEVELOPMENT OF THE ORGANIZATIONAL PRODUCTIVITY DIAGNOSTIC SURVEY (OPDS)**

Author: SUHR, PETER RICHARD

Degree: PH.D.

Year: 1989

Corporate Source/Institution: THE UNIVERSITY OF TULSA (0236)

DIRECTOR: ROBERT O. HANSSON

Source: VOLUME 50/11-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 5362. 101 PAGES

Descriptors: PSYCHOLOGY, INDUSTRIAL

Descriptor Codes: 0624

Declining productivity within the American economy is an underlying cause of inflation and of a decline in the American standard of living. To reverse this decline, efforts need to be concentrated at the organizational level. Several opinion surveys indicated that the most important reasons for increases or decreases in productivity were internal rather than external organizational factors, particularly: (1) top management commitment to and involvement in productivity improvement, (2) inter-departmental relations, and (3) organization communication.

To statistically investigate the results of these opinion surveys; a 48-item organizational characteristics/structure survey was constructed (the Organizational Productivity Diagnostic Survey: OPDS). The questionnaire was administered to 133 managers in 23 manufacturing organizations. A productivity index was formulated which measured the rate of productivity rise or decline of the 23 organizations over a 5 year period.

An additional hypothesis tested whether managers' perceptions of the structure of their organizations would affect manager perceptions of which productivity improvement strategies would be feasible for their organization, how receptive management would be to the strategies, how receptive the employees would be, and the impact on the organization. The seven productivity improvement strategies used were: (1) productivity gainsharing, (2) management by objectives, (3) job enrichment, (4) quality circles, (5) team building, (6) **workflow** automation, and (7) organization downsizing.

A factor analysis using a principal components extraction with a varimax rotation was performed on the 48 OPDS items; the results yielded four factors. Items relating to organization communication and inter-departmental relations loaded on the first factor. Items relating to the top management involvement in and commitment to improving productivity loaded on factor two. The third factor measures management control over problem solving. Items relating to decision making and goal and objective setting loaded onto factor four.

A forward, stepwise **multiple** regression indicated that **organization communication** and inter-departmental relations (factor 1), and top management involvement in and commitment to improving productivity (factor 2) are related to increases and decreases in productivity.

Multiple regression equations for the four questions of each of the seven strategies indicated that only management receptivity to the

implementation of each of the strategies could be predicted by factor 2 of the OPDS scales.

**12/5/16 (Item 1 from file: 99)**

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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1678264 H.W. WILSON RECORD NUMBER: BAST97028342

**Software suite helps manage process flow**

AUGMENTED TITLE: WorkXpert from Mentor Graphics Corp.

Microwaves & RF v. 36 (Apr. '97) p. 156-7

DOCUMENT TYPE: Product Evaluation ISSN: 0745-2993 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: A review of Mentor Graphics' WorkXpert (approximately \$30,000 and up), a suite of programs aimed at speeding the design process, is presented. This fully integrated group of network tools enables the creation and standardization of an engineering process **workflow**. The software provides different levels of access to the developed **workflow**, so that **different** departments within a **company** can **share** constant process improvement, ultimately speeding a design into production.

DESCRIPTORS: Software tools; Product evaluation;

**12/5/17 (Item 2 from file: 99)**

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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1404494 H.W. WILSON RECORD NUMBER: BAST96056047

**Keeping product-data management on track**

Teschler, Leland;

Machine Design v. 68 (Aug. 22 '96) p. 74-5

DOCUMENT TYPE: Feature Article ISSN: 0024-9114 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: A new **Workflow** Interoperability Specification will allow software packages from **different companies** to **communicate** about the status and flow of projects without modifying core functions. The new specification from the **Workflow** Management Coalition was demonstrated at the recent **Workflow** Canada Conference in Toronto. At the conference, the new specification was demonstrated using **workflow** packages from IBM, Digital, Microsoft, Staffware, and Wang. Developments in product-data management software packages are reviewed in sidebars.

DESCRIPTORS: PDM software; Engineering drawings;

**12/5/18 (Item 3 from file: 99)**

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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1245026 H.W. WILSON RECORD NUMBER: BAST95040768

**Making PDM pay**

Manji, James F;

Machine Design v. 67 (June 15 '95) p. 81-4

DOCUMENT TYPE: Feature Article ISSN: 0024-9114 LANGUAGE: English

RECORD STATUS: New record

ABSTRACT: Integrating data from design, production, and service support is the main requirement for companies reengineering their internal processes. For many corporations, product data management (PDM) is the tool used to facilitate this integration. **Several corporations** have implemented PDM to find and **share** data from a single source, slice new product cycle time, swiftly manage engineering changes, implement concurrent engineering, and structure **workflow** and sign-off with audit trails. PDM systems are of most benefit when they support all the systems in the cycle, from conceptual design and modeling, through tool path generation, manufacturing, change management to product obsolescence and replacement.

DESCRIPTORS: Computer aided engineering; PDM software;

12/5/19 (Item 1 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)

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06418993

PORTUGAL: INSURANCE AND IT STRATEGY

PORTUGAL: INSURANCE AND IT STRATEGY

Diario Economico (YXE) 16 Jan 1997 p. 14

Language: PORTUGUESE

According to a report prepared by Portuguese insurance association Associacao Portuguesa de Seguradoras and Andersen Consulting the country's insurance companies do not in general make strategic use of their computer systems. While basic operational requirements are covered by IT systems significant development is required in the areas of information management and user support. On a departmental basis the needs of the financial area are best met by current systems and the lowest level of satisfaction is in the marketing area. Computer **links** between **different companies** are practically non-existent and many companies have lack computer systems in local offices, making it impossible to locally process policies and claims on an automatic basis. In the future the main areas where significant development is expected are in use client-servers, **work flow** management and case tools.

COMPANY: ANDERSEN CONSULTING; PORTUGUESE INSURANCE ASSN ASSOCIACAO PORTUGUESA

PRODUCT: Computers (3573CO); Insurance (6300);

EVENT: General Management Services (26); Market & Industry News (60);

COUNTRY: Portugal (4POR);

12/5/20 (Item 1 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00095789

DOCUMENT TYPE: Review

PRODUCT NAMES: R/3 3.1 (366366); SmartStream (389986); SmartStream Web Series (611522); Openscape (598356); Panagon WorkFlo (210293)

TITLE: Reaching for the Web

AUTHOR: Wilder, Clinton

SOURCE: Information Week, v594 p47(4) Aug 26, 1996

ISSN: 8750-6874

HOME PAGE: <http://www.informationweek.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

SAP AG's R/3 3.1, Dun & Bradstreet's now Geac Smartstream's SmartStream, One Wave's now Business@Web's Openscape, and FileNet's WorkFlo Business System and WorkForce Desktop are examples of newly World Wide Web-enabled applications designed to help companies reach customers over the Web. R/3 3.1 contains 25 new Internet application components to be available at year-end. SmartStream Web applications will be available in the fourth quarter of 1996, and D&B has already delivered a Java applet for electronic purchasing. Openscape is part of products from both Baan and PeopleSoft, and provides a way to **link** Web tools to back-end **enterprise** systems. **Another** user reduces paper glut with FileNet's product, allowing 500 customers to access active documents and to view mainframe-archived data describing past shipments. Many users describe how they use the Web for improved customer service, purchasing, and access to production schedules, engineering data, memos, drawings, and documents.

COMPANY NAME: SAP AG (535974); Geac Computer Corp Ltd (485306); One Wave (621358); FileNET Corp (459151)  
SPECIAL FEATURE: Graphs Buyers Guides  
DESCRIPTORS: Internet Utilities; Intranets; Middleware; **Workflow**  
REVISION DATE: 20030130

12/5/21 (Item 2 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00094589 DOCUMENT TYPE: Review

**PRODUCT NAMES: SamePage 1.1 Solaris (632163)**

**TITLE: Teaming up via the SamePage**  
**AUTHOR: Kramer, Matt**  
**SOURCE: PC Week, v13 n32 pN5(2) Aug 12, 1996**  
**ISSN: 0740-1604**

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

WebFlow's SamePage 1.1, a groupware package that speeds up group editing of documents, innovatively combines **workflow** and document management with easy access via the World Wide Web. During tests of the Solaris 1.1 version, users quickly created a storage hierarchy for folder-based documents and assigned roles to individuals and groups to control access to information and begin composing documents. A Windows NT version is scheduled for release later in 1996. SamePage runs on a Web server and employs Web browsers as a client interface, allowing **organizations** running **many** platforms to **share** document access using the same Web interface. SamePage's collaborative editing metaphor is highly integrated; it embeds comments in actual documents instead of having team members attach documents and comment via a threaded discussion. Only one copy of each server-stored document is maintained, for easier access.

PRICE: \$3500

COMPANY NAME: Accentuate Systems Inc (622451)  
SPECIAL FEATURE: Screen Layouts Charts  
DESCRIPTORS: Electronic Publishing; Groupware; Internet Utilities; Page  
Composition; Solaris; Sun; Word Processing; **Workflow**  
REVISION DATE: 20010330

**12/5/22 (Item 3 from file: 256)**

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00093724 DOCUMENT TYPE: Review

**PRODUCT NAMES: Microsoft Exchange (514811)**

**TITLE: Exchange groupware goes unused**

AUTHOR: Ouellette, Tim

SOURCE: Computerworld, v30 n30 p20(1) Jul 22, 1996

ISSN: 0010-4841

HOME PAGE: <http://www.computerworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Many of Microsoft's Exchange Server's user base are ignoring groupware and using only its e-mail features. Many users, including early users who have run Exchange for over six months, say groupware features like document sharing and application development atop Exchange have low priority, and many regard Exchange as an upgrade to Microsoft Mail. Some users are not interested in groupware at all, and others want more powerful groupware than Exchange's. Therefore, some users may move to Lotus Development's Notes, but Microsoft will try to head this trend off by releasing a more powerful groupware client for Exchange later in 1996. In the interim, however, because **many companies** are interested in **collaboration** features, Microsoft could lose users to groupware competitors. One user says Exchange has an excellent form designer, but add-on products for **workflow** automation, full-text searching, and agent technology are required.

COMPANY NAME: Microsoft Corp (112127)  
DESCRIPTORS: E-Mail; Exchange; Groupware; IBM PC & Compatibles; LANs;  
Network Software  
REVISION DATE: 20020819

**12/5/23 (Item 4 from file: 256)**

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00086982 DOCUMENT TYPE: Review

**PRODUCT NAMES: Company--Caere Corp (858943); Company--Mosaix Inc (862169); Company--Sigma Imaging Systems Inc (860981); Company--Eastman Software Inc (851621)**

**TITLE: Mergers: Workflow Catalyst**

AUTHOR: Baron, Talila

SOURCE: Communications Week, v580 p8(1) Oct 16, 1995

ISSN: 0746-8121

RECORD TYPE: Review  
REVIEW TYPE: Company

Ongoing consolidation of **workflow** and **collaborative** computing vendors could mean easier integration of **various** technologies for **corporations**. Recent mergers include those between Caere and ViewStar, Wang Labs and Sigma Imaging Systems, and FileNet and Watermark Software. The vendors are merging technologies to make **workflow** product lines more complete, especially for low- to midrange products. Netscape Communications also purchased Collabra Software to gain entree into the document management market. The resulting offerings are likely to include integrated modules for document management, **workflow**, text retrieval, and telephony, says a senior project manager for Consolidated Edison, a utilities/power company in New York. Also, when large companies like Microsoft and Wang sell **workflow** products, they lend credence to the technology.

COMPANY NAME: Caere Corp (485136); Mosaix Inc (480215); Sigma Imaging Systems Inc (508322); Eastman Software Inc (444472)  
DESCRIPTORS: Conferencing; Groupware; Network Software; Software Marketing  
; **Workflow**  
REVISION DATE: 20020730

12/5/24 (Item 5 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00085163 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Windows NT (347973)

TITLE: Work flows smoothly with NT  
AUTHOR: Barrett, Richard  
SOURCE: digital news & review, v12 n20 p18(3) Nov 6, 1995  
ISSN: 0739-4314

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Microsoft's Windows NT operating system and **workflow** software are working together to change how **many** **companies** do business. **Workflow** software **joins** together multiple applications and tasks, so they can be sequenced and synchronized, and so that tasks can be tracked as they go from task to task. Windows NT's widespread acceptance will provide a standard platform that will make it easier to establish **workflow** integration. Traditional, paper-based **workflow** depends on legwork on paper and is linear in nature. **Workflow** software permits data to be shared electronically, so it can be viewed simultaneously over several different areas. Delivery is instantaneous and multiple paper copies of documents are unnecessary. NT has a number of features that enable **WorkFlow**. There are thousands of business applications that run on NT. NT is platform independent and data integrity is ensured.

COMPANY NAME: Microsoft Corp (112127)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: Network Software; Operating Systems; Windows NT/2000;  
**Workflow**  
REVISION DATE: 20000830



12/5/25 (Item 6 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00081310 DOCUMENT TYPE: Review

PRODUCT NAMES: Panagon Visual WorkFlo (457906)

TITLE: Drains for Workflow Clogs  
AUTHOR: The, Lee  
SOURCE: Datamation, v41 n15 p67(7) Aug 15, 1995  
ISSN: 0011-6963  
HOMEPAGE: <http://www.datamation.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

A Canadian mutual fund company experiences a glut of paperwork each February, because transactions for the fiscal year need to be credited before March 1. A paper-based system resulted in a storm of activity and a need for an army of temporary employees. The company planned a move to **workflow** technology using FileNet's Visual WorkFlo to eliminate the problem. Visual WorkFlo is designed to integrate with existing applications. From the program's command line, other applications can be called, as well as C language calls or DDE **links**. Although the **company** had considered **another** package, it would have required substantial outsourcing and consulting fees. Visual WorkFlo provided the company with a process they could do in-house. The company expects their investment to pay for itself within two years.

COMPANY NAME: FileNET Corp (459151)  
SPECIAL FEATURE: Buyers Guides  
DESCRIPTORS: C; Financial Institutions; Office Automation; **Workflow**  
REVISION DATE: 20010430

12/5/26 (Item 7 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00078199 DOCUMENT TYPE: Review

PRODUCT NAMES: Workflow Template 3.0 (526487)

TITLE: Model system produces workflow applications  
AUTHOR: Ouellette, Tim  
SOURCE: Computerworld, v29 n20 p53(1) May 15, 1995  
ISSN: 0010-4841  
HOMEPAGE: <http://www.computerworld.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Template Software's **Workflow** Template 3.0 operates atop the Snap object-oriented (OO) development environment (which integrates spreadsheets or complete applications into a task) to build **workflow** applications. The

product allows development of production-ready **workflow** systems for **many connected enterprise** platforms. A **workflow** object class library is provided, including reusable objects for routing, queuing, distributing, and managing work process activities. Users and analysts like the technology, indicating a need for productivity tools that allow client and server applications to be created from a single desktop for distribution on various platforms. **Workflow** Template testers says its time-stamping and full-process configuration support business process management and monitoring well.

PRICE: \$5000

COMPANY NAME: Template Software Inc (536041)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Client/server; Network Software; Office Automation; Program Development; **Workflow**

REVISION DATE: 20020819

12/5/27 (Item 8 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00077080 DOCUMENT TYPE: Review

PRODUCT NAMES: Workflow (833754)

TITLE: Workflows **re-engineered: Corporate downsizing presents opportunity..**

AUTHOR: Delmonico, Dayna Shore, Joel

SOURCE: CRN, v620 p111(3) Mar 6, 1995

ISSN: 0893-8377

HOME PAGE: <http://www.crn.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

The downsizing trend is forcing more companies to re-examine their business processes. The result of this trend is that resellers are enjoying increased sales of client/server and **workflow** computing software. There are several ways for a reseller to provide **workflow** capabilities to customers. The most obvious is through forms routing applications, many of which are available from **several different companies**. Beyond the ability to **share** information, **workflow** and workgroup software have little in common. **Workflow** places structure in the routing process. These types of tools include graphical **workflow** builders, and modeling tools that simulate **workflow** and analyze the effectiveness of different configurations. **Workflow** vendors are also attempting to broaden the market for **workflow** products, by promoting document management and e-mail systems.

COMPANY NAME: Vendor Independent (999999)

SPECIAL FEATURE: Buyers Guides

DESCRIPTORS: Groupware; Network Software; **Workflow**

REVISION DATE: 20020124

12/5/28 (Item 9 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00072103 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Lotus Notes (550418); Microsoft Exchange (514811); Oracle 7 (004233); Oracle Media Server (478521); IBM FlowMark (487252)

**TITLE:** Groupware Must Be Open At Its Core

**AUTHOR:** Scott, Karyl

**SOURCE:** Open Systems Today, v161 pl(2) Oct 10, 1994

**ISSN:** 1061-0839

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

Information systems (IS) managers want groupware systems to **link various** existing workgroups, providing **enterprise** solutions supporting desktop, lines of business, and host applications. Users disapprove groupware that relies on proprietary user interfaces, formats, transports, protocols, access methods, and application programming interfaces (APIs). Standards groups attempt to create open architectures, while vendors promote the needs of their customers. LAN e-mail uses an easy to install and use file sharing method, and Novell's plan is particularly open, according to an analyst. Many other vendors offer workgroup solutions based on databases, including Notes and Oracle 7, both of which will be integrated with Oracle Media Server. IBM's FlowMark is a high end system that adds **workflow** functions to installed LAN and legacy applications, while Microsoft Exchange Server uses common message transport, message store, directory, and APIs.

**COMPANY NAME:** Lotus Software (254975); Microsoft Corp (112127); Oracle Corp (010740); IBM Corp (351245)

**SPECIAL FEATURE:** Tables

**DESCRIPTORS:** Exchange; Groupware; Integration Software; LANs; Network Software; Notes/Domino; Oracle; **Workflow**

**REVISION DATE:** 20030825

Set	Items	Description
S1	35	AU=(NOTANI R? OR NOTANI R?)
S2	3692	WORKFLOW? OR WORK()FLOW? OR BUSINESS() (RULE? OR CYCLE?)
S3	422664	BUSINESS? OR COMPANY OR COMPANIES OR INSTITUTION? OR FACTORY OR FACTORIES OR ESTABLISHMENT? OR INCORPORATION?
S4	547423	CORPORATION? OR ORGANIZATION? OR ORGANISATION? OR ENTERPRISE? OR INDUSTRY OR INDUSTRIES
S5	45044	(S3 OR S4) (3N) (PLURAL? OR SEVERAL OR VARIOUS OR MANY OR MULTIPLE? OR NUMEROUS OR DIFFERENT? OR FIRST OR SECOND OR 1ST OR 2ND OR ANOTHER OR SEPARATE?)
S6	412098	COLLABORAT? OR SHARE? ? OR SHARING OR COMMUNICAT?
S7	1260354	JOIN? OR LINK? OR ASSOCIAT? OR CONNECT? OR SPLIT?
S8	5800	S5(10N) (S6 OR S7)
S9	91	S8(15N).S2
S10	31	S9 AND IC=G06F-017/60

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File 348:EUROPEAN PATENTS 1978-2003/Oct W03

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File 349:PCT FULLTEXT 1979-2002/UB=20031023,UT=20031016

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10/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01450831

**Mobile decision support system**

**Mobiles System zur Entscheidungshilfe**

**Systeme mobile d'aide a la decision**

PATENT ASSIGNEE:

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Schmaltz, Michael Clayton, 223 Bld. De la Source, Villa 53, 06410 Biot,  
(FR)

LEGAL REPRESENTATIVE:

Blatchford, William Michael et al (48801), Withers & Rogers Goldings  
House, 2 Hays Lane, London SE1 2HW, (GB)

PATENT (CC, No, Kind, Date): EP 1241612 A1 020918 (Basic)

APPLICATION (CC, No, Date): EP 2002251645 020308;

PRIORITY (CC, No, Date): US 274978 010312

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 175

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200238	1584
SPEC A	(English)	200238	7708
Total word count - document A			9292
Total word count - document B			0
Total word count - documents A + B			9292

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION The ERP system 48 may be any supply chain, business management, enterprise management and/or **workflow** system allowing consolidation and **sharing** of data and information among **different** users/departments/ **business** units. ERP systems are well-known computer based systems utilizing a database to accumulate and...

10/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01045129

**Method and system for performing work flow control in accordance with an input state of data**

**Verfahren und System zum Ausfuehren einer Arbeitsflusssteuerung in Ubereinstimmung mit einem Eingabewert von Daten**

**Methode et systeme pour effectuer la gestion de flux de travaux selon un**

**etat d'entree de donnees**

**PATENT ASSIGNEE:**

HITACHI, LTD., (204144), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, (JP), (Applicant designated States: all)

**INVENTOR:**

Mori, Toshihiko, 29-1-102, Akutsu, Takatsu-ku, Kawasaki-shi, (JP)

Soga, Nobuko, 24-1-302, Kamikodanaka-1-chome, Nakahara-ku, Kawasaki-shi, (JP)

Hosoda, Naofumi, 4-18-207, Nishikagaya-4-chome, Suminoe-ku, Kawasaki-shi, (JP)

Soga, Shuji, 24-2-302, Kamikodanaka-1-chome, Nakahara-ku, Kawasaki-shi, (JP)

Yakabe, Taro, 14-34-205, Shukugawara-6-chome, Tama-ku, Kawasaki-shi, (JP)

**LEGAL REPRESENTATIVE:**

Hackney, Nigel John et al (76991), Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP, (GB)

**PATENT (CC, No, Kind, Date):** EP 924631 A2 990623 (Basic)  
EP 924631 A3 000705

**APPLICATION (CC, No, Date):** EP 98309449 981118;

**PRIORITY (CC, No, Date):** JP 97321213 971121

**DESIGNATED STATES:** BE; DE; FR; GB; IT; NL

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO; SI

**INTERNATIONAL PATENT CLASS:** G06F-017/60

**ABSTRACT WORD COUNT:** 166

**NOTE:**

Figure number on first page: 1

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9925	3093
SPEC A	(English)	9925	10588
Total word count - document A			13681
Total word count - document B			0
Total word count - documents A + B			13681

**INTERNATIONAL PATENT CLASS:** G06F-017/60

...SPECIFICATION sending is carried out between sections in an enterprise or between enterprises, and hence the **work flow** extending over a **plurality of enterprises** is accurately, efficiently controlled. In this **connection**, when the data sending method is changed, the **work flow** rules which are managed by the second agent unit has only to be changed. Also...in accordance with the contents of dealings and also realize the highly reliable and efficient **work flow** control extending over a **plurality of enterprises**. In addition, the **work flow** control system determines a **communication** method in accordance with a kind of network lying between enterprises and also carries out...

10/3,K/3 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

01043353 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ENTERPRISE-WIDE BUSINESS PROCESS MANAGEMENT**

**SYSTEME ET PROCEDE DE GESTION DE PROCESSUS COMMERCIAL A L'ECHELLE D'UNE ENTREPRISE**

Patent Applicant/Assignee:

TOTAL SYSTEM SERVICES INC, 1600 First Avenue, Columbus, GA 31901, US, US

(Residence), US (Nationality)

Inventor(s):

LEDFORD Bobby, 1524 Ridgecreek Way, Columbus, GA 31904, US,  
MARKS Richard, 3285 Piedmont Lake Road, Pine Mountain, GA 31822, US,  
PAUL Chuck, 1127 Green Ridge Road, Cataula, GA 31804, US,  
SORRELL Ben, 4307 White Clover Trail, Columbus, GA 31909, US,

Legal Representative:

PETTY W Scott (agent), King & Spalding LLP, 191 Peachtree Street,  
Atlanta, GA 30303-1763, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200373343 A1 20030904 (WO 0373343)

Application: WO 2003US3529 20030207 (PCT/WO US0303529)

Priority Application: US 2002358379 20020222; US 2003356971 20030203

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI  
SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7587

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... items of data for the plurality of computers.

. A system for implementing a computer-based **workflow** representing a  
business process, wherein the business process comprises at least one  
**business rule**,

comprising:

a **first** computer, logically **connected** to a second computer, wherein  
the first computer comprises a client computer software application  
operable...

10/3,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

01009621

SOFTWARE AND SYSTEMS FOR FACILITATING E-BUSINESS

LOGICIEL ET SYSTEMES DE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

LINKWARE SYSTEMS B V, Kampweg 27, NL-3981 EX Bunnik, NL, NL (Residence),  
NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

KLYHN Henning, Kampweg 27, NL-3981 EX Bunnik, NL, NL (Residence), NL  
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Legal Representative:

de HOOP Eric (agent), Octrooibureau Vriesendorp & Gaade, P.O. Box 266,  
NL-2501 AW The Hague, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200338714 A2 20030508 (WO 0338714)

Application: WO 2002NL702 20021104 (PCT/WO NL0200702)

Priority Application: US 2001335298 20011102

Bode Akintola27-Oct-03

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 20442

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... Negotiating bank (L/C).

Documents sent when: Changing from Buyer to Seller in Import Country' (  
2nd seller).

This **Enterprise** Unit is linked to the Enterprise Unit "'Stock /  
Library  
Management".

**Business Rule** ( **Workflow ID**) = Engineer to Order = "'The Supply  
Chain Blue  
Print"'

The objective of this function is...

**10/3,K/5 (Item 3 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00931312 \*\*Image available\*\*

**METHOD AND APPARATUS PROVIDING CONVERGENT SOLUTION TO END-TO-END, ADAPTIVE  
BUSINESS APPLICATION MANAGEMENT**

**PROCEDE ET APPAREIL DONNANT UNE SOLUTION CONVERGENTE A UNE GESTION  
D'APPLICATION COMMERCIALE ADAPTATIVE, DE BOUT EN BOUT**

Patent Applicant/Assignee:

UNITED PAN-EUROPE COMMUNICATIONS N V, Beech Avenue 100, 1110 PW Schiphol  
Rijk, Postbus 74763, NL-1070 BT Amsterdam, NL, NL (Residence), NL  
(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WHITEHEAD Susan, Eikendael 22, NL-2245 BL Wassenaar, NL, NL (Residence),  
US (Nationality), (Designated only for: US)

Legal Representative:

SLINGSBY Philip Roy (et al) (agent), Page White & Farrer, 54 Doughty  
Street, London WC1N 2LS, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200265360 A2 20020822 (WO 0265360)

Application: WO 2002IB1220 20020211 (PCT/WO IB0201220)

Priority Application: US 2001269007 20010215; US 200129366 20011219

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR



(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 16701

Main International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Detailed Description

Detailed Description

... a commercially available  
product known as Vitria BusinessWare". which also  
implements and supports the desired **work flow** management  
functionality.

Fig. 2 illustrates a plurality of the above-mentioned  
databases **associated** with **different** ones of the **business**  
modules 12, 14, 16, 20, 22, 24 and 26 of Fig. 1, and  
further shows...

10/3,K/6 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00922113 \*\*Image available\*\*

**METHOD AND APPARATUS FOR FACILITATING BUSINESS PROCESSES**

**PROCEDE ET DISPOSITIF PERMETTANT DE FACILITER LES PROCESSUS DE COMMERCE**

Patent Applicant/Assignee:

VIACORE INC, 5151 California Avenue, Irvine, CA 92612, US, US (Residence)  
, US (Nationality)

Inventor(s):

CHEHADE Fadi B, 5151 California Avenue, Irvine, CA 92612, US,  
CURWEN Tony P, 5151 California Avenue, Irvine, CA 92612, US,  
YORK Linda, 5151 California Avenue, Irvine, CA 92612, US,

Legal Representative:

HECKER Gary A (et al) (agent), The Hecker Law Group, 1925 Century Park  
East, Suite 23000, Los Angeles, CA 90067, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200256147 A2-A3 20020718 (WO 0256147)

Application: WO 2002US713 20020109 (PCT/WO US0200713)

Priority Application: US 2001757771 20010109

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12219

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... a system that requires substantially less resources for a company to implement, and that permits **business** processes comprised of **multiple** messages **linked** by a logical **workflow** to be managed over time. For example, there is a need for a cost effective...

Claim

... to:

obtain a plurality of business processes from a plurality of first entities wherein said **plurality** of **business** processes comprises a sequence of messages **linked** by a predefined **workflow** and exchanged over a predefined period of time;  
manage said plurality of business processes at...

10/3,K/7 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00887225 \*\*Image available\*\*

**METHODS AND APPARATUS PROVIDING ELECTRONIC MESSAGES THAT ARE LINKED AND AGGREGATED**

**PROCEDE ET DISPOSITIF DE REALISATION DE MESSAGES ELECTRONIQUES LIES ET AGREGES**

Patent Applicant/Assignee:

ZAPLET INC, 3000 Bridge Parkway, Redwood Shores, CA 94065, US, US  
(Residence), US (Nationality)

Inventor(s):

AXE Brian, 342 Liberty Street, San Francisco, CA 94114, US,  
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HOM Wayne, 1141 Wayne Way, San Mateo, CA 94403, US,  
HYDE Timothy, 670 Shotwell Street, San Francisco, CA 94110, US,  
KRUMPELSTAEDTER John, 10893 Sweet Oak Street, Cupertino, CA 95014, US,

Legal Representative:

PALERMO Christopher (et al) (agent), Hickman Palermo Truong & Becker, LLP, 1600 Willow Street, San Jose, CA 95125, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200221413 A2 20020314 (WO 0221413)

Application: WO 2001US42041 20010905 (PCT/WO US0142041)

Priority Application: US 2000230037 20000905

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 62155

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

English Abstract

...or other known relationships among applications. Recipient lists and

data may propagate among fields of **linked** transportable applications, directly or according to abstract **business rules** . Further, **multiple** -part electronic messages are disclosed. A graphical user interface of an electronic messaging system displays...

#### Detailed Description

... or other known relationships among applications. Recipient lists and data may propagate among fields of **linked** transportable applications, directly or according to abstract **business rules** .

According to **another** aspect, a method for processing a request to display an electronic message is disclosed. First...

10/3,K/8 (Item 6 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00843146

#### WORKFLOW PROCESSES METHOD AND SYSTEM

#### SYSTEMES ET PROCEDES DE TRAITEMENT DE FLUX DE TRAVAUX

Patent Applicant/Assignee:

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US (Residence), US (Nationality)

Inventor(s):

BEARD Amy, 1501 Larkin St. #203, San Francisco, CA 94109, US,

Legal Representative:

GRABAREK Robert L Jr (et al) (agent), Cooley Godward, LLP, One Freedom  
Square, 11951 Freedom Drive, Reston, VA 20191-5601, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200175747 A1 20011011 (WO 0175747)

Application: WO 2001US40404 20010330 (PCT/WO US0140404)

Priority Application: US 2000540164 20000331

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7534

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

#### Detailed Description

... user should be able to enter the business processes using a graphical user interface. The **workflow** engine should support such diverse business processes as call center **workflow** , **workflow associated** with COM applications, **workflow** spanning **multiple** systems, embedding I

**business** processes that have already been defined into new business processes., and management of work in...

10/3,K/9 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00840958

**METHOD AND APPARATUS FOR GENERATING A VALUE BEARING INSTRUMENT  
PROCEDE ET APPAREIL DE CREATION D'UN INSTRUMENT PORTEUR DE VALEURS**

Patent Applicant/Assignee:

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US, US (Residence), US (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

OKAMOTO Steve Atsushi, 5512 Calle de Arboles, Torrance, CA 90505, US, US  
(Residence), US (Nationality), (Designated only for: US)  
SCHATTMAIER Steven Miller, 3 Winterhaven, Irvine, CA 92614, US, US  
(Residence), US (Nationality), (Designated only for: US)  
VON KAENEL Tim, 12 Lake View Drive, Cote de Caza, CA 92679, US, US  
(Residence), US (Nationality), (Designated only for: US)  
ZEILE Mike Todd, 27627 Harwick Place, Valencia, CA 91354, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

NIXON Dale B (et al) (agent), Sidley & Austin, Suite 3400, 717 N.  
Harwood, Dallas, TX 75201, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200173644 A2 20011004 (WO 0173644)  
Application: WO 2001US10520 20010328 (PCT/WO US0110520)  
Priority Application: US 2000193171 20000329

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10032

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... capable of translating application specific semantics into generic  
form that transaction logic module 230 understands. **Business rules** -  
12 module 232 is capable of storing the logic **associated** with **many**  
**different** types of **business** transactions. Each set of logic has a  
unique identifier that can be used to specify...

10/3,K/10 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00840020 \*\*Image available\*\*

**METHOD AND APPARATUS FOR PROCESSING ONE OR MORE VALUE BEARING INSTRUMENTS  
PROCEDE ET APPAREIL DE CREATION D'UN OU PLUSIEURS INSTRUMENTS PORTEUR DE  
VALEURS**

Patent Applicant/Assignee:

CMA BUSINESS CREDIT SERVICES, 40 East Verdugo Avenue, Burbank, CA 91502,

US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

OKAMOTO Steve Atsushi, 5512 Calle de Arboles, Torrance, CA 90505, US, US  
(Residence), US (Nationality), (Designated only for: US)  
SCHATTMAIER Steven Miller, 3 Winterhaven, Irvine, CA 92614, US, US  
(Residence), US (Nationality), (Designated only for: US)  
VON KAENEL Tim, 12 Lake View Drive, Coto de Caza, CA 92679, US, US  
(Residence), US (Nationality), (Designated only for: US)  
ZEILE Mike Todd, 27627 Harwick Place, Valencia, CA 91354, US, US  
(Residence), US (Nationality), (Designated only for: US)  
St AMOUR Frederick C, 34081 Formosa Drive, Dana Point, CA 92629, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

NIXON Dale B (et al) (agent), Sidley Austin Brown & Wood, Suite 3400, 717  
N. Harwood, Dallas, TX 75201-6507, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200173709 A2-A3 20011004 (WO 0173709)  
Application: WO 2001US10648 20010328 (PCT/WO US0110648)  
Priority Application: US 2000193139 20000329

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15641

International Patent Class: G06F-017/60 ...

Fulltext Availability:

Detailed Description

Detailed Description

... capable of translating application specific semantics into generic form that transaction logic module 230 understands. **Business rules** module 232 is capable of storing the logic **associated** with **many different** types of **business** transactions. Each set of logic has a unique identifier that can be used to specify...

10/3,K/11 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00840019 \*\*Image available\*\*

**METHOD AND APPARATUS FOR ADMINISTERING ONE OR MORE VALUE BEARING INSTRUMENTS  
PROCEDE ET APPAREIL D'ADMINISTRATION D'UN INSTRUMENT PORTEUR DE VALEURS**

Patent Applicant/Assignee:

CMA BUSINESS CREDIT SERVICES, 40 East Verdugo Avenue, Burbank, CA 91502,  
US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

OKAMOTO Steve Atsushi, 5512 Calle de Arboles, Torrance, CA 90505, US, US  
(Residence), US (Nationality), (Designated only for: US)  
SCHATTMAIER Steven Miller, 3 Winterhaven, Irvine, CA 92614, US, US  
(Residence), US (Nationality), (Designated only for: US)  
VON KAENEL Tim, 12 Lake View Drive, Coto de Caza, CA 92679, US, US

(Residence), US (Nationality), (Designated only for: US)  
ZEILE Mike Todd, 27627 Harwick Place, Valencia, CA 91354, US, US  
(Residence), US (Nationality), (Designated only for: US)  
ST AMOUR Frederick C, 34081 Formosa Drive, Dana Point, CA 92629, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

NIXON Dale B (et al) (agent), Sidley Austin Brown & Wood, Suite 3400, 717  
N. Harwood, Dallas, TX 75201-6507, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200173708 A2-A3 20011004 (WO 0173708)  
Application: WO 2001US10643 20010328 (PCT/WO US0110643)  
Priority Application: US 2000193172 20000329

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11390

International Patent Class: G06F-017/60 ...

Fulltext Availability:

Detailed Description

Detailed Description

... capable of translating application specific semantics into generic  
form that transaction logic module 230 understands. **Business rules**  
module 232 is capable of storing the logic **associated** with **many**  
**different** types of **business** transactions. Each set of logic has a  
unique identifier that can be used to specify...

10/3,K/12 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00840018 \*\*Image available\*\*

**METHOD AND APPARATUS FOR MANAGING ONE OR MORE VALUE BEARING INSTRUMENTS**

**PROCEDE ET DISPOSITIF DE GESTION D'UN OU DE PLUSIEURS INSTRUMENTS DE VALEUR**

Patent Applicant/Assignee:

CMA BUSINESS CREDIT SERVICES, 40 East Verdugo Avenue, Burbank, CA 91502,  
US, US (Residence), US (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

OKAMOTO Steve Atsushi, 5512 Calle de Arboles, Torrance, CA 90505, US, US  
(Residence), US (Nationality), (Designated only for: US)

SCHATTMAYER Steven Miller, 3 Winterhaven, Irvine, CA 92614, US, US

(Residence), US (Nationality), (Designated only for: US)

VON KAENEL Tim, 12 Lake View Drive, Coto De Caza, CA 92679, US, US

(Residence), US (Nationality), (Designated only for: US)

ZEILE Mike Todd, 27627 Harwick Place, Valencia, CA 91354, US, US

(Residence), US (Nationality), (Designated only for: US)

ST AMOUR Frederick C, 34081 Formosa Drive, Dana Point, CA 92629, US, US

(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

NIXON Dale B (et al) (agent), Sidley Austin Brown & Wood, Suite 3400, 717  
N. Harwood, Dallas, TX 75201, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200173707 A2-A3 20011004 (WO 0173707)  
Application: WO 2001US10594 20010328 (PCT/WO US0110594)  
Priority Application: US 2000193064 20000329

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13101

International Patent Class: G06F-017/60 ...

Fulltext Availability:

Detailed Description

Detailed Description

... capable of translating application specific semantics into generic  
form that transaction logic module 230 understands. **Business rules**  
12  
module 232 is capable of storing the logic **associated** with **many**  
**different** types of **business** transactions. Each set of logic has a  
unique identifier that can be used to specify...

10/3,K/13 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00838912

**MARKETPLACES INVOLVING BUSINESS RULES FOR PARTIALLY AUTOMATED GENERATION OF  
QUOTES**

**PLACES DE MARCHÉ COMPRENANT DES RÈGLES COMMERCIALES UTILES POUR GÉNÉRER DE  
MANIÈRE PARTIELLEMENT AUTOMATIQUE DES COTES**

Patent Applicant/Assignee:

PERFECT COM, 1860 Embarcadero Road, Suite 210, Palo Alto, CA 94303, US,  
US (Residence), US (Nationality)

Inventor(s):

MILGROM Paul R, 121 Heather Lane, Palo Alto, CA 94303, US,  
GALL Ulrich, 1058 Westlynn Way, Cupertino, CA 95014, US,  
LAVIN James K, 37171 Sycamore Street, Apt. #214, Newark, CA 94560, US,  
SAKOVA Zuzana, 650 Circle Drive, Palo Alto, CA 94303, US,  
MINES Robert F, 210 Firethorn Court, San Ramon, CA 94583, US,

Legal Representative:

MACPHERSON Alan H (et al) (agent), Skjervén Morrill MacPherson LLP, 25  
Metro Drive, Suite 700, San Jose, CA 95110, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200171626 A2 20010927 (WO 0171626)  
Application: WO 2001US9024 20010320 (PCT/WO US0109024)  
Priority Application: US 2000532663 20000321

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 14097

Main International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Detailed Description

Detailed Description

... robustness for inaccuracies in the rule-generated offers. - This simplifies the process of defining the **business rules** and reduces the risk **associated** with poor choice 2 5 of computerized **business rules**

In yet **another** embodiment, buyers receive a list of indicative quotes, and final, binding quotes are provided by...

10/3,K/14 (Item 12 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00828053 \*\*Image available\*\*

**CONVERSATION MANAGEMENT SYSTEM FOR ENTERPRISE WIDE ELECTRONIC COLLABORATION**  
**SYSTEME DE GESTION DE DIALOGUES DESTINE A UNE COLLABORATION ELECTRONIQUE A**  
**L'ECHELLE D'UNE ENTREPRISE**

Patent Applicant/Assignee:

BEA SYSTEMS INC, 2315 North First Street, San Jose, CA 95131, US, US  
(Residence), US (Nationality)

Inventor(s):

STEWART Rocky, 2315 North First Street, San Jose, CA 95131, US,  
TAKACSI-NAGY Pal, 2315 North First Street, San Jose, CA 95131, US,  
METSAPORTTI Timo J, 2315 North First Street, San Jose, CA 95131, US,  
DALAL Sanjay, 2315 North First Street, San Jose, CA 95131, US,  
HOEBANX Pascal, 2315 North First Street, San Jose, CA 95131, US,

Legal Representative:

MEYER Sheldon R (et al) (agent), Fliesler Dubb Meyer and Lovejoy LLP,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200161596 A1 20010823 (WO 0161596)

Application: WO 2001US40139 20010216 (PCT/WO US0140139)

Priority Application: US 2000183067 20000216; US 2000258804 20001229

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 16810

Main International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Detailed Description

Detailed Description



... The collaboration server is a key component in creating a collaboration system, and in bringing **workflow** management to the enterprise.

The **collaboration** server allows **separate companies**, herein referred to as trading partners, to **collaborate** on complex tasks or projects. Such collaboration may extend, for example, to complex business projects...

... interface with collaboration server must be able to control the flow of information into and out of the workflow maintained by the workflow server. **For collaboration** among **different companies** the **collaboration** server must be able to do this for many **workflows**, and many workflow servers, and must be able to perform these tasks simultaneously, equally, and reliably...

10/3,K/15 (Item 13 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00802117 \*\*Image available\*\*

**TRANSACTION TAX COLLECTION SYSTEM AND METHOD**

**SYSTEME ET PROCEDURE DE RECouvreMENT DE LA TAXE SUR LES TRANSACTIONS**

Patent Applicant/Assignee:

ESALESTAX COM, 6766 South Revere Parkway, Suite 120, Englewood, CO 80112,  
US, US (Residence), US (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

BIRCH Doug, 6616 Old Ranch Trail, Littleton, CO 80125, US, US (Residence)  
, US (Nationality), (Designated only for: US)

Legal Representative:

DUPRAY Dennis J (et al) (agent), Sheridan Ross P.C., 1560 Broadway, Suite  
1200, Denver, CO 80202-5141, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200135678 A2-A3 20010517 (WO 0135678)

Application: WO 2000US30903 20001110 (PCT/WO US0030903)

Priority Application: US 99164976 19991111

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 29121

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... 29 A system, as claimed in Claim 22, wherein:

'd merchant enrollment system with receiving **business rule** nlcreehant  
sal I I I  
information related to conducting of **business** by a **first** merchant  
**associated** with said first merchant node.  
30 A system, as claimed in Claim 22, further including...merchant node  
related to at  
sal I I I I I  
least a first address **associated** with the **first** merchant and  
obtaining **business rule** information related to determining said tax,  
amount information related to said first tax event.

36...

10/3,K/16 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00797921 \*\*Image available\*\*

**LEASE AND LOAN SUB-LEDGER ACCOUNTING METHODS AND SYSTEM**

**SYSTEME DE COMPTABILITE DU TYPE GRAND LIVRE AUXILIAIRE POUR PRETS ET  
CREDITS-BAILS ET PROCEDES ASSOCIES**

Patent Applicant/Assignee:

GENERAL ELECTRIC CAPITAL CORPORATION, 44 Old Ridgebury Road, Danbury, CT  
06810-5105, US, US (Residence), US (Nationality)

Inventor(s):

ARDITTI Mark Lee, 115 Walnut Grove Road, Ridgefield, CT 06877, US,  
WILSON Judith A, 20 Plumwood Road, Briarcliff Manor, NY 10510, US,  
FAIELLA Steven, 55 Mill Plain Road, Unit 22-4, Danbury, CT 06811, US,  
PRICE David K, 151 Lazy Brook Road, Monroe, CT 06468, US,

Legal Representative:

CHASKIN Jay L (et al) (agent), General Electric Company, 3135 Easton  
Turnpike W3C, Fairfield, CT 06431, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200131482 A2-A3 20010503 (WO 0131482)

Application: WO 2000US29146 20001020 (PCT/WO US0029146)

Priority Application: US 99425579 19991022

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 34370

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... is a cross-reference (commentary only) fiew that identifies the  
subledger that was used on **another** system.

**Business Rules .**

A subledger can not be deleted if it is **associated** with a subledger

balaw,% or subledger detail.  
Subledger account number needs to be unique.

All...It must have at least one subledger.

Input / Output Data.

Subledger group name, description, subledgers **associated** with the subledger group.

A subledger can be **associated** with **many** Subledger groups.

#### **Business Rules .**

Every Subledger group will include at least on subledger account.

It shc@ lid be possible...

10/3,K/17 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00779720 \*\*Image available\*\*

#### **BUSINESS RULES AUTOMATION IN DATABASE APPLICATION DEVELOPMENT AND MAINTENANCE**

#### **AUTOMATISATION DE REGLES COMMERCIALES POUR LA CREATION ET LA MAINTENANCE D'UNE APPLICATION DE BASE DE DONNEES**

Patent Applicant/Assignee:

VERSATA INC, 2101 Webster Street, 8th Floor, Oakland, CA 94612, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

HUBER Val J, 621 Santa Rosa, Berkeley, CA 94707, US, US (Residence), US  
(Nationality), (Designated only for: US )

MCKINNEY Denny G, 32 Jewell Street, San Rafael, CA 94901, US, US  
(Residence), US (Nationality), (Designated only for: US )

PATEL Rahul, 6608 Crestwood Drive, Castro Valley, CA 94552, US, US  
(Residence), IN (Nationality), (Designated only for: US )

SINGH Vinod, 5488 Moonlight Common, Fremont, CA 94555, US, US (Residence)  
, IN (Nationality), (Designated only for: US )

Legal Representative:

KREBS Robert E, Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404,  
Alexandria, VA 22313-1404, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200113303 A1 20010222 (WO 0113303)

Application: WO 2000US22318 20000815 (PCT/WO US0022318)

Priority Application: US 99148756 19990816; US 99437098 19991109

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6177

Main International Patent Class: **G06F-017/60**

Fulltext Availability:  
Detailed Description

Detailed Description

... processing.

A change to a single cell in a set of A change to one **business rule** may

**linked** spreadsheets may cause changes affect **many business** processes which to cells in many other spreadsheets. are implemented through that rule.

A further...

10/3,K/18 (Item 16 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00777020

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR RESOURCE ADMINISTRATION IN AN E-COMMERCE TECHNICAL ARCHITECTURE**  
**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ADMINISTRATION DE RESSOURCES DANS UNE ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE**

Patent Applicant/Assignee:

ACCENTURE LLP, Parkstraat 83, NL-2514 JG 'S Gravenhage, NL, NL  
(Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US  
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Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, P.O. Box  
52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109791 A2-A3 20010208 (WO 0109791)

Application: WO 2000US20547 20000728 (PCT/WO US0020547)

Priority Application: US 99364161 19990730

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 136396

...International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... for hypertext links only.

Adhere to this standard to eliminate any confusion between a hypertext **link** and a text underlined for emphasis. To emphasize text, use the following tabs: <EM> for...

10/3,K/19 (Item 17 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00761430 \*\*Image available\*\*

**SYSTEM, METHOD AND COMPUTER PROGRAM FOR REPRESENTING PRIORITY INFORMATION  
CONCERNING COMPONENTS OF A SYSTEM**

**SYSTEME, METHODE ET ARTICLE FABRIQUE PERMETTANT DE CLASSER PAR ORDRE DE  
PRIORITE DES COMPOSANTS D'UNE STRUCTURE DE RESEAU NECESSAIRES A LA MISE  
EN OEUVRE D'UNE TECHNIQUE**

Patent Applicant/Assignee:

ANDERSEN CONSULTING LLP, 100 South Wacker Drive, Chicago, IL 60606, US,  
US (Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,  
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,  
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073956 A2-A3 20001207 (WO 0073956)

Application: WO 2000US14406 20000524 (PCT/WO US0014406)

Priority Application: US 99321274 19990527

Designated States: AE AG AL AM AT (utility model) AU AZ BA BB BG BR BY CA  
CH CN CR CU CZ (utility model) DE (utility model) DK (utility model) DM  
DZ EE (utility model) ES FI (utility model) GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK (utility model) SL TJ TM TR TT  
TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149024

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... Server i. A server that allows the use of electronic checks for  
1.8 transactions. **Business** I echeck server verifies digital signatures,  
processes checks according to the **business rules** of the bank (e.g. a  
check over \$25,000 requires two signatures), returns invalid...

10/3,K/20 (Item 18 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00761429

**METHODS, CONCEPTS AND TECHNOLOGY FOR A VIRTUAL SHOPPING SYSTEM CAPABLE OF  
ASSESSING NEEDS OF A CUSTOMER AND RECOMMENDING A PRODUCT OR SERVICE  
BASED ON SUCH ASSESSED NEEDS**

**PROCEDES, CONCEPTS ET TECHNOLOGIE POUR SYSTEME D'ACHAT VIRTUEL CAPABLE  
D'EVALUER LES BESOINS D'UN CLIENT ET DE RECOMMANDER UN PRODUIT OU UN  
SERVICE SUR LA BASE DE CES BESOINS**

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US  
(Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,  
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,  
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073955 A2 20001207 (WO 0073955)  
Application: WO 2000US14357 20000524 (PCT/WO US0014357)  
Priority Application: US 99321495 19990527

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 148469

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... over the

Internet. Se] JerProduct I allows for the enforcement of trading  
partner agreements and **business rules** . SellerProductl  
provides the capability to create **company** -specific catalogs  
which can be set up to present different products to different  
users based...

10/3,K/21 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761424

**A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PHASE DELIVERY OF  
COMPONENTS OF A SYSTEM REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE PAR PHASES  
DE COMPOSANTS D'UN SYSTEME NECESSAIRES A L'APPLICATION D'UNE TECHNIQUE**

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US  
(Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,  
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,  
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073930 A2 20001207 (WO 0073930)  
Application: WO 2000US14458 20000524 (PCT/WO US0014458)

Bode Akintola27-Oct-03

Priority Application: US 99321360 19990527  
Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility  
model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK  
(utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 149456

Main International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Detailed Description

Detailed Description  
... creation and  
administration tools, an order management system, and  
rapid customization of a site's **business** processes through  
modifiable **business rules** and presentation templates.  
Search capabilities, including hierarchical  
menus, parametric searches by attribute, and simple  
keyword...

10/3,K/22 (Item 20 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00576360 \*\*Image available\*\*  
**ELECTRONIC MUSIC/MEDIA DISTRIBUTION SYSTEM**  
**SYSTEME DE DISTRIBUTION ELECTRONIQUE DE MUSIQUE/MEDIA**

Patent Applicant/Assignee:

UNIVERSAL MUSIC GROUP,  
GALUTEN Albhy,  
RADBEL Dmitry,  
WILLIAMS Peter,

Inventor(s):

GALUTEN Albhy,  
RADBEL Dmitry,  
WILLIAMS Peter,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200039733 A1 20000706 (WO 0039733)

Application: WO 99US30848 19991223 (PCT/WO US9930848)

Priority Application: US 98113861 19981224; US 99127260 19990331

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG  
KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF  
BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 21183

Main International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Detailed Description

Detailed Description

... the Retailer to create the Retail Offers.

Another aspect of offer creation is "synchronization" of **various Business Rules associated** with the content. The music industry with its complex web of business relationships currently requires...

10/3,K/23 (Item 21 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00563431 \*\*Image available\*\*  
**METHOD AND APPARATUS FOR SUPPORTING DIVERSE INTERACTION PATHS WITHIN A MULTIMEDIA COMMUNICATION CENTER**  
**PROCEDE ET SYSTEME COMPRENANT DIVERS CHEMINS D'INTERACTION DANS UN CENTRE DE COMMUNICATION MULTIMEDIA**

Patent Applicant/Assignee:

GENESYS TELECOMMUNICATIONS LABORATORIES INC,

Inventor(s):

BECK Christopher Clemmett Macleod,  
BERKE Jonathan Michael,  
JOHNSTONE Joel A,  
MITCHELL Robin Marie,  
POWERS James Karl,  
SIDEELL Mark Franklin,  
KNUFF Charles Dazler,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200026804 A1 20000511 (WO 0026804)

Application: WO 99US25310 19991026 (PCT/WO US9925310)

Priority Application: US 98182937 19981029

Designated States: AE AL AM AT AU AZ BA BE BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ  
BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 25993

International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... co-related

embodiments is provided, as part of CINOS, a means to initiate and manage **various 2o business processes related to communication workflow** . Such business processes are defined as enterprise-created applications, procedures and so forth. that are...

10/3,K/24 (Item 22 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00532117 \*\*Image available\*\*

**SYSTEM AND PROCESS FOR MULTI-ENTERPRISE COLLABORATION**

**SYSTEME ET PROCESSUS DESTINES A ASSURER LA COLLABORATION ENTRE PLUSIEURS**



## ENTREPRISES

Patent Applicant/Assignee:

i2 TECHNOLOGIES INC,

Inventor(s):

NOTANI Ranjit N,

PARASNIS Abhay V,

WHIPPLE Mark B,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9963469 A1 19991209

Application: WO 99US12350 19990603 (PCT/WO US9912350)

Priority Application: US 9892348 19980605; US 98154661 19980918

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE

DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW

AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC

NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 8504

Main International Patent Class: G06F-017/60

English Abstract

...distributing the activities over the nodes in the node group, and executed to provide multi- **enterprise collaboration** . In **another** embodiment, an object-oriented **workflow** including objects **associated** with activities to be performed within the **workflow** is instantiated. The objects are deployed, across enterprise boundaries to nodes on which associated activities...

10/3,K/25 (Item 23 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00532115 \*\*Image available\*\*

IMPROVED METHOD AND SYSTEM FOR PROVIDING CLIENT CALLBACKS THROUGH A FIREWALL WITHIN AND BETWEEN ENTERPRISES

SYSTEME ET PROCEDES AMELIORES POUR ASSURER DES RAPPELS DE CLIENTS A TRAVERS UN COUPE-FEU A L'INTERIEUR D'UNE ENTREPRISE ET ENTRE ENTREPRISES

Patent Applicant/Assignee:

I2 TECHNOLOGIES INC,

Inventor(s):

WHIPPLE Mark B,

NOTANI Ranjit N,

PARASNIS Abhay V,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9963467 A1 19991209

Application: WO 99US12348 19990603 (PCT/WO US9912348)

Priority Application: US 9892348 19980605; US 98156342 19980918

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE

DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW

AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC

NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 11051

Main International Patent Class: G06F-017/60

Fulltext Availability:  
Detailed Description

Detailed Description

... more than one enterprise. Each network node 240 of network 250 in a multi-enterprise **collaboration** may be **associated** with a **different enterprise**, allowing **communication** and coordinated performance of activities and with a **workflow** or collaboration.

Each memory slot 210 may store data and objects. As used herein, each...

10/3,K/26 (Item 24 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00532114 \*\*Image available\*\*

**SYSTEM AND METHOD FOR IMPLEMENTING OBJECT WORKSPACE AGENTS IN A DECISION SUPPORT ENVIRONMENT**

**SYSTEME ET PROCEDE POUR METTRE EN OEUVRE DES AGENTS DE L'ESPACE DE TRAVAIL D'OBJETS DANS UN ENVIRONNEMENT D'AIDE A LA DECISION**

Patent Applicant/Assignee:

i2 TECHNOLOGIES INC,

Inventor(s):

NOTANI Ranjit N,  
PARASNIS Abhay V,  
WHIPPLE Mark B,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9963466 A1 19991209

Application: WO 99US12347 19990603 (PCT/WO US9912347)

Priority Application: US 9892348 19980605; US 98156265 19980918

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE DK DK EE EE ES FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10132

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... more than one enterprise. Each network node 240 of network 250 in a multi-enterprise **collaboration** may be **associated** with a **different enterprise**, allowing **communication** and coordinated performance of activities and **workflows** between enterprises.

Network nodes 240 may be any terminal, server, client, hub, spoke or other...

10/3,K/27 (Item 25 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00532113      **\*\*Image available\*\***

**SYSTEM AND METHOD FOR CREATING AN OBJECT WORKSPACE**  
**SYSTEME ET PROCEDE POUR CREER UN ESPACE DE TRAVAIL D'OBJETS**

Patent Applicant/Assignee:

i2 TECHNOLOGIES INC,

Inventor(s):

NOTANI Ranjit N,  
PARASNIS Abhay V,  
WHIPPLE Mark B,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9963465 A1 19991209

Application: WO 99US12346 19990603 (PCT/WO US9912346)

Priority Application: US 9892348 19980605; US 98156722 19980918

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE  
DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW  
AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 9930

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... multi-enterprise

collaborationf comprising:

a workspace having a plurality of stored objects;

a first node **associated** with a **first enterprise**, the  
**first** node being in **communication** with the workspace, the  
first node conducting a first activity of a **workflow**, the  
first activity including accessing one of the plurality of  
stored objects;

a second node **associated** with a **second .enterprise**, the  
**second** node being in **communication** with the workspace, the  
second node conducting a second activity of the workflow,  
the second...

10/3,K/28      (Item 26 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00532112      **\*\*Image available\*\***

**METHOD AND SYSTEM FOR MANAGING COLLABORATION WITHIN AND BETWEEN ENTERPRISES**  
**PROCEDE ET SYSTEME POUR GERER LA COLLABORATION AU SEIN D'UNE ENTREPRISE ET**  
**ENTRE ENTREPRISES**

Patent Applicant/Assignee:

I2 TECHNOLOGIES INC,

Inventor(s):

NOTANI Ranjit N,  
PARASNIS Abhay V,  
WHIPPLE Mark B,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9963464 A1 19991209

Application: WO 99US12345 19990603 (PCT/WO US9912345)

Priority Application: US 9892348 19980605; US 98156334 19980918

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE  
DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW  
AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English  
Fulltext Word Count: 10012

Main International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Claims

Claim

... process of Claim 1, wherein the set of  
predefined functions are operable to deploy the **work flow**  
to the distributed nodes.  
S. A Computer implemented process for generating a  
**collaboration** between a **plurality of enterprises** ,  
comprising:  
receiving a preliminary **collaboration** from a **first**  
**enterprise** ;  
automatically transmitting the preliminary  
collaboration to a predefined second enterprise for review;  
receiving a response...

**10/3,K/29 (Item 27 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00501664 \*\*Image available\*\*

**INTEGRATED BUSINESS-TO-BUSINESS WEB COMMERCE AND BUSINESS AUTOMATION SYSTEM  
COMMERCE ELECTRONIQUE ET TRANSACTIONS AUTOMATIQUES INTEGRES**

Patent Applicant/Assignee:

WONG Charles,

Inventor(s):

WONG Charles,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9933016 A1 19990701

Application: WO 98US27496 19981222 (PCT/WO US9827496)

Priority Application: US 97995591 19971222

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG

Publication Language: English  
Fulltext Word Count: 43431

Main International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Detailed Description

Detailed Description

... a unified, synergistic fashion. Automation is typically performed by  
automating, testing and implementing fixed, linear **work flows** for a  
fixed environment, resulting in systems that are not adaptable to the  
real, changing **business** environment. Most often, **different**

departments each have separate database systems with the departments being **linked** by a local- or wide-area network. A person in one department obtains information from...

10/3,K/30 (Item 28 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00474280 \*\*Image available\*\*

**SYSTEM FOR ENTERPRISE-WIDE WORK FLOW AUTOMATION**  
**SYSTEME D'INFORMATISATION DE FLUX DE DOCUMENTS A L'ECHELLE DE L'ENTREPRISE**

Patent Applicant/Assignee:

FILENET CORPORATION,

Inventor(s):

POINDEXTER Luen Kimball,

SEIDMAN Glenn R,

TIMM Stephen R,

WADDINGTON Bruce A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9905632 A1 19990204

Application: WO 98US15565 19980723 (PCT/WO US9815565)

Priority Application: US 97899408 19970723

Designated States: AU CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE

Publication Language: English

Fulltext Word Count: 6112

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... the

underlying distributed processing system.

In accordance with the principles of the present invention, a **work flow** system preferably employs an object-oriented model of the information and **communication** flow within an **organization**. Although **many** techniques and tools may be used to implement a **work flow** system, it is preferable to implement a work flow system using object-oriented techniques and...

10/3,K/31 (Item 29 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00437036 \*\*Image available\*\*

**COMPUTER EXECUTABLE WORKFLOW CONTROL SYSTEM**  
**SYSTEME INFORMATIQUE DE GESTION UTILISE DANS LE DEROULEMENT DE TRAVAUX**

Patent Applicant/Assignee:

FMR CORP,

Inventor(s):

GIBSON Kenneth U,

TURLEY William N,

SCHAPIRO Jonathan J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9827500 A1 19980625

Application: WO 97US23600 19971218 (PCT/WO US9723600)  
Priority Application: US 96769503 19961218  
Designated States: AU CA CN JP KR MX NZ AM AZ BY KG KZ MD RU TJ TM AT BE CH  
DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 7234

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... different organizations is facilitated.

For example, an additional organization may be added  
10 simply by **associating** the additional organization with an  
additional **organization** identifier in the **first** memory  
section. In addition, the method allows efficient use of  
the **workflow** system's storage facilities, because  
multiple organizations, definitional data items may be  
15 stored together...

Set	Items	Description
S1	0	AU=(NOTANI R? OR NOTANI, R?)
S2	82222	WORKFLOW? OR WORK()FLOW?
S3	8489119	PLURAL? OR SEVERAL OR VARIOUS OR MANY OR MULTIPL?
S4	10910439	NUMEROUS OR DIFFERENT? OR FIRST
S5	8167050	SECOND OR 1ST OR 2ND OR ANOTHER OR SEPARATE?
S6	556727	S3(3N) (COMPANY OR COMPANIES OR INSTITUTION? OR FACTORY OR - FACTORIES OR ESTABLISHMENT? OR INCORPORATION?)
S7	526863	S4(3N) (COMPANY OR COMPANIES OR INSTITUTION? OR FACTORY OR - FACTORIES OR ESTABLISHMENT? OR INCORPORATION?)
S8	356519	S5(3N) (COMPANY OR COMPANIES OR INSTITUTION? OR FACTORY OR - FACTORIES OR ESTABLISHMENT? OR INCORPORATION?)
S9	404423	(S3 OR S5) (3N) (CORPORATION? OR ORGANIZATION? OR ORGANISATI- ON? OR ENTERPRISE? OR INDUSTRY OR INDUSTRIES)
S10	292006	S4(3N) (CORPORATION? OR ORGANIZATION? OR ORGANISATION? OR E- NTERPRISE? OR INDUSTRY OR INDUSTRIES)
S11	1893771	S6:S10
S12	1867	S2(20N)S11
S13	175	S12(5N) (COLLABORAT? OR SHARE? ? OR SHARING OR COMMUNICAT?)
S14	106	S12(7N) (JOIN? OR LINK? OR ASSOCIAT? OR CONNECT? OR SPLIT?)
S15	47	(S13 OR S14) NOT PY>1998
S16	36	RD (unique items)

? show files

File 20:Dialog Global Reporter 1997-2003/Oct 27  
(c) 2003 The Dialog Corp.

File 476:Financial Times Fulltext 1982-2003/Oct 27  
(c) 2003 Financial Times Ltd

File 610:Business Wire 1999-2003/Oct 27  
(c) 2003 Business Wire.

File 613:PR Newswire 1999-2003/Oct 27  
(c) 2003 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2003/Oct 27  
(c) 2003 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2003/Oct 25  
(c) 2003 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

16/3,K/1 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

03248926 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**WAM!BASE(R) Digital Archive Solution Takes Off**

PR NEWSWIRE

October 27, 1998

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 562

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... solution like this one," said Ed Driscoll, CEO WAM!NET Inc.

WAM!BASE is the **industry** 's **first** wide-area, **collaborative** asset management solution that facilitates inter-organizational **workflow** from a central database of digital assets. It is designed to allow easy repurposing of...

16/3,K/2 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

03221373 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Keyfile Corp. Acquires F3 Software Corp.**

BUSINESS WIRE

October 26, 1998 9:27

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 563

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the Web functionality of Keyflow by allowing all enterprise forms to be carried through a **workflow** application to all personnel within an organization, whether they work on a thick or thin client.

" **Many organizations** have realized the intrinsic **link** between forms and **workflow** and are eager to meld the two into optimized processes," said David Yockelson, vice president...

16/3,K/3 (Item 3 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

03198022 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**FIRST CALL: Thomson announces integration of Technimetrics "CMS" into the Full Circle solution**

M2 PRESSWIRE

October 22, 1998

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 914

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... brokerage firms increasing their exposure and significantly improving their penetration of individuals who follow specific **industries**, **companies**, regions.

First Call Full Circle launches its next phase of products. Developments include:



1. The ability to integrate document templates into the " **Workflow** " component
2. Templates then **connect** to a document management system, allowing for controlled access to the publication throughout the production...

**16/3,K/4 (Item 4 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

03187825 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**MSC Announces Major Tool for Calculating and Visualizing External Loads on Aircraft**  
BUSINESS WIRE  
October 22, 1998  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 938

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... may be required.

The design of MSC/FlightLoads and Dynamics began two years ago through **collaborative** efforts between MSC and **several** major aerospace **companies**. As a result, MSC had a clear understanding of its customers' processes and product requirements. The **workflow** process typically found in the computation of external loads is emulated through the graphical user ...

**16/3,K/5 (Item 5 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

03107781  
**Workflow Management Insiders Increase Company Stock Holdings**  
PR NEWSWIRE  
October 14, 1998  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 194

PALM BEACH, Fla., Oct. 14 /PRNewswire/ -- **Workflow** Management, Inc. (Nasdaq: WORK) today announced that **several** members of **company** management have purchased 376,312 **shares** since August 31, 1998, approximately 3% of the company's shares currently outstanding. With these ...

**16/3,K/6 (Item 6 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

03055365 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**UIC: UIC Internet Club 98 scheduled for 22 and 23 October 1998 in Paris**  
M2 PRESSWIRE  
October 08, 1998  
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 666

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... are coming into effect more or less rapidly depending on corporate objectives and national legislation.

Many railway companies have also developed Intranet structures in an initial bid to improve in-house communications and foster group activities (e-mail/ workflow). A second stage then consists of using this type of technology in appropriate instances as...

16/3,K/7 (Item 7 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

02949285 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**CMstat Corp. announces the delivery of an Enterprise Component Management System (ECMS) to GTE Supply**

BUSINESS WIRE

September 28, 1998 8:41

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 739

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... University. This "lineage" has driven Concentus' technology work in one direction: To develop commercially viable Workflow / Work Management software that will enable large-scale collaboration through the automation of work processes across entire enterprises and among separate companies.

The company's technological lineage descends directly from that early research in object technology and concurrent engineering...

16/3,K/8 (Item 8 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

02187732 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**WAM!NET Inc. Announces WAM!BASE MasterMind Channel**

PR NEWSWIRE

July 13, 1998 9:30

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 868

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Roebuck and Co., Working Knowledge and Walt Disney Television, and MediaLogic. WAM!BASE is the industry's first collaborative asset management solution that facilitates inter-organizational workflow from a central database of digital assets. It is designed to allow easy repurposing of...

16/3,K/9 (Item 9 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

02187715 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**WAM!NET Inc. Announces Successful Pre-Release Testing of WAM!BASE, the World's First Wide Area-Networked Digital Asset Database**

PR NEWSWIRE

July 13, 1998 9:26

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 764

(USE FORMAT 7 OR 9 FOR FULLTEXT)

WAM!BASE is the **industry's first collaborative** asset management solution that facilitates inter-organizational **workflow** from a central database of digital assets. The solution, designed specifically for graphic arts workflow...

16/3,K/10 (Item 10 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

01595719 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Staffware to Participate in the First WfMC Web Interoperability Demonstration**  
BUSINESS WIRE  
May 11, 1998 8:37  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 393

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the first Web based workflow client), the latest version of the company's Java based **workflow** client. The WfMC interoperability standards allow **workflow** systems from multiple vendors to be **linked**. Business processes that span **multiple organizations** can be automated from start to finish. In the demonstration, Staffware will show a Document...

16/3,K/11 (Item 11 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.  
01219753 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**GLOVIA INTERNATIONAL: GLOVIA teams with Fujitsu Software to introduce GLOVIA Teamware**  
M2 PRESSWIRE  
March 23, 1998  
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 584

...worldwide customers. The integrated offering will enable a constant and organized flow of information across **multiple** departments helping **companies** optimize the value of corporate knowledge and processes stored within GLOVIA through improved **communication** and **collaboration**. The **workflow** solution also integrates non-GLOVIA solutions, such as Product Data Management (PDM), into a manufacturers...

16/3,K/12 (Item 1 from file: 476)  
DIALOG(R)File 476:Financial Times Fulltext  
(c) 2003 Financial Times Ltd. All rts. reserv.

0004002285 B07FCA7AGTFT  
**Survey of Computers In Manufacturing (12): Machine tools that sharpen production techniques**  
MARTIN ATKEY

Financial Times, P 26

Tuesday, June 2, 1987

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 1,080

...tools, create part programs, schedule work loads, generate process plans, produce job quotes/estimates, simulate **work flows** and link machines together into manufacturing cells and systems.

Recent capital investment by **many** leading UK **companies** shows that CNC machining cells and systems are being seen as the way forward for...

16/3,K/13 (Item 1 from file: 810)

DIALOG(R)File 810:Business Wire

(c) 1999 Business Wire . All rts. reserv.

0821751 BW1211

**GLOVIA: GLOVIA INTERNATIONAL Teams With Fujitsu Software to Introduce GLOVIA TEAMWARE**

March 16, 1998

Byline: Business/Technology Editors

...worldwide customers. The integrated offering will enable a constant and organized flow of information across **multiple** departments helping **companies** optimize the value of corporate knowledge and processes stored within GLOVIA through improved **communication** and **collaboration** . The **workflow** solution also integrates non-GLOVIA solutions, such as Product Data Management (PDM), into a manufacturers...

16/3,K/14 (Item 2 from file: 810)

DIALOG(R)File 810:Business Wire

(c) 1999 Business Wire . All rts. reserv.

0820170 BW0186

**CINEBASE: Cinebase and Xedoc to Develop Suite Of Media Production Workflow Products for Digital Media Management Systems**

March 11, 1998

Byline: Business Editors & Computer Writers

...Software Development, Inc. to analyze, design and develop a powerful suite of Web-based production **workflow** solutions for the Cinebase Digital Media Management System (DMMS(TM)).

The **collaboration** between Cinebase and Xedoc will lead to the **industry** 's **first** suite of media **workflow** products specifically optimized for the film and video post-production, graphics and visual effects media...

...first Commercial-Off-the-Shelf (COTS) products to result from the growing Xedoc and Cinebase **collaboration** . The two **companies** **first** started working last spring to provide advanced object-oriented **workflow** engine technology to the intelligence community as part of

Cinebase's partnership with Sarnoff Labs...

16/3,K/15 (Item 3 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0689014 BW0129

**ARAXSYS: An innovative specialty care company for aging consumers to use  
Araxsys' Web-based workflow solution**

April 08, 1997

Byline: Business Editors & Health/Medical Writers

...provide a total solution for its customers.  
The company's core product, HealthFlow, is the **industry's first**  
software system to apply secured, Internet/intranet **workflow**  
technology to integrate and **link** clinical, administrative and  
operational data to enable the standardization and improvement of  
healthcare processes.

CONTACT...

16/3,K/16 (Item 4 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0660296 BW0190

**OPTIKA IMAGING SYSTEMS: Optika Imaging Systems, Inc. Anticipates Record  
Fourth Quarter and Year End Results; Results Fueled by Demand for  
Integrated Product Suite, International Expansion and Record Healthcare  
Sales**

January 09, 1997

Byline: Business Editors

...other mission critical software systems such as Lotus  
Notes and PC DOCS. In addition, the **company** has announced **several**  
new software products to be released this quarter including Internet  
**connectivity** products, FPWeb and WebBooks, and a new, completely  
redesigned **workflow** product, PowerFlow 5.0.

Scott McCready, principal and analyst for International Data  
Corp., commented, "Optika...

16/3,K/17 (Item 5 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0649604 BW1022

**VIEWSTAR: ViewStar First to Ship Production-Class Workflow for the Internet**

November 27, 1996

Byline: Business Editors

...corporate intranets.

The shipment of ViewStar's Process@Work and InfoStore@Work systems marks the **industry's first** robust, production-class **workflow** offering for managing **collaborative** business processes over the World Wide Web.

"Building on its experience in **workflow**, imaging and **collaborative** computing, ViewStar has established itself as the only company shipping products designed for industrial-strength...

16/3,K/18 (Item 6 from file: 810)

DIALOG(R)File 810:Business Wire

(c) 1999 Business Wire . All rts. reserv.

0635758 BW0687

**WORKFLOW MANAGEMENT: Workflow Management Coalition to Demonstrate Support For Multiple Emerging Workflow Standards**

October 21, 1996

Byline: Business Editors

...stores, by providing early notice and coordination of business processes across a number of cooperating **organizations** which may have **different workflow** systems.

Typically, **organizations** are expecting to use existing EDI **connections**, electronic commerce over the internet or direct connections with business partners to accomplish these objectives...

16/3,K/19 (Item 7 from file: 810)

DIALOG(R)File 810:Business Wire

(c) 1999 Business Wire . All rts. reserv.

0587765 BW0011

**WORKFLOW MANAGEMENT: Workflow Management Coalition to Debut Demo of Workflow Interoperability Specification**

May 21, 1996 .

Byline: Business Editors & Computer Writers

...partners to accomplish these objectives. Achieving this level of integration requires the capabilities of multiple **workflow** products to **communicate** and cooperate in data exchange and process hand-offs.

" **Corporations** frequently need **different workflow** products to serve different needs and applications," said Sunil Sarin, Chairman of the Coalition's Working Group on **Workflow Interoperability** and Workflow Architect at Xerox Xsoft -- a Coalition member. "While the Supply Chain Management...

16/3,K/20 (Item 8 from file: 810)

DIALOG(R)File 810:Business Wire

(c) 1999 Business Wire . All rts. reserv.

0571037 BW1470

**PC DOCS GROUP: PC DOCS expands image and workflow workbench (IWW) program leading image and workflow vendors tightly integrate with DOCS open**

April 01, 1996

Byline: Business Editors

...wide solutions, this partnership can only enhance an organization's ability to manage documents and workflow in virtually any environment."

"We are pleased to be one of the first companies joining PC DOCS's Image and Workflow Workbench program," said Richard Esmond, Chief Technology Officer of Diamond Head Software, Inc. "The open...

16/3,K/21 (Item 9 from file: 810)  
DIALOG(R) File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0569873 BW1041

**WANG DRT: DRT Systems International, Wang sign workflow, imaging and cold software agreement; Partnership combines Wang's Leading Work Management Software with DRT Systems International Consulting and Integration Services**

March 28, 1996

Byline: Business/Technology Editors

...integrate and optimize electronic information.

"Our focus is on strategic analysis, design, integration, and implementation -- linking information from multiple resources and positioning companies for future growth," said Jon Kawamura, practice leader, DRT Systems Workflow Imaging Practice.

Added Bruce Heagstedt, general manager, "We link the business and IT strategies within...

16/3,K/22 (Item 10 from file: 810)  
DIALOG(R) File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0568569 BW1104

**ORTHOCADD SERVICES: OrthoCADD Services releases the CADD Desktop Tutor (TM) for AutoManager(R) WorkFlow ; With the new computer-based training product, OrthoCADD Services Becomes One of the First Companies to Join Cyco International's Solution Partner Program**

March 25, 1996

Byline: Business Editors

**OrthoCADD Services releases the CADD Desktop Tutor (TM) for AutoManager(R) WorkFlow ; With the new computer-based training product, OrthoCADD**

Services Becomes One of the First Companies to Join Cyco  
International's Solution Partner Program

16/3,K/23 (Item 11 from file: 810)

DIALOG(R)File 810:Business Wire  
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0550146 BW1147

**STARBASE:** StarBase announces customer availability of StarTeam; teamware  
vision becomes a reality

January 22, 1996

Byline: Business Editors and High Tech Writers

...reporting into one product with  
one interface in one central repository of information. This new  
**collaborative** development system is the **company's first** offering of  
teamware -- team productivity tools that integrate **collaboration**,  
**workflow** and project management around a configuration management  
foundation.

"Our research and our own experience as...

16/3,K/24 (Item 12 from file: 810)

DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0536057 BW1102

**COMPUTRON SOFTWARE:** Computron Software Supports New Workflow Management  
Coalition Standards - International Workflow Coalition Announces  
Standard Client Application Programming Interface -

November 20, 1995

Byline: Business Editors

...The WfMC released this new Client Application API  
today.

By providing a standard means of **communication** between **workflow**  
engines and **workflow** client applications, this interface offers  
increased flexibility and simplified deployment for end users  
integrating **workflow** systems from **different** vendors across their  
**enterprise**.

The WfMC is a non-profit organization that is comprised of more  
than 150 **workflow** vendors, customers and analysts who are dedicated  
to creating workflow interoperability standards at the international...

16/3,K/25 (Item 13 from file: 810)

DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0512467 BW1020

**ADOBE SYSTEMS 2:** Adobe Systems Ships OPEN Prepress Workflow Automation  
System



August 29, 1995

Byline: Business Editors/Computer Writers

...awareness," or compliancy.  
Each tier provides a different level of interaction for the developers to **link** their applications to the OPEN system. The **companies** are at **various** stages in the development of their OPEN Aware(TM) products.  
Pricing and Availability  
The Adobe OPEN automated production **workflow** environment is available immediately worldwide from Certified Adobe OPEN Prepress Dealers for a suggested retail...

16/3,K/26 (Item 14 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0510756 BW1205

**AMERICAN MGMT SYS LOTUS DEVLPMT: American Management Systems announces business partner agreement with Lotus Development Corporation; Agreement follows company's successes with Notes in health care, government and business consulting environments**

August 21, 1995

Byline: Business Editors & Medical Industry Writers

...across  
enterprises to share knowledge bases and to work together using pre-defined forms and **work flows** . Notes includes a powerful replication mechanism for **sharing** data bases across **multiple** servers throughout an **organization** .  
AMS will apply Notes immediately within its health care vertical market. "We are currently beginning..."

16/3,K/27 (Item 15 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0373067 BW803

**AXIS COMMUNICATIONS 2: AXIS COMMUNICATIONS ANNOUNCES LAN MANAGER AND LAN SERVER SUPPORT FOR NPS 550 ETHERNET PRINT SERVER**

December 2, 1993

Byline: Business Editors

...the entire enterprise through the Axis NPS 550 print server, resulting in significant performance and **work flow** benefits," said Lester Yetton, president of Axis **Communications** .  
" **Many** large **organizations** have **several** operating systems running concurrently in their network environment. By implementing the NPS 550 print server..."

16/3,K/28 (Item 1 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1213503 LATU058  
**Decisive Technology Boosts Business Intelligence Through Real-Time Customer Feedback**

DATE: January 20, 1998 08:57 EST WORD COUNT: 930

...with detailed customer information in databases and systems.  
Multi-user Capability. DecisionSource has an approval **workflow** feature for access permissions, allowing managers to control data access and survey deployment. **Multiple** users throughout an **enterprise** can **collaborate** on surveys and **share** results.

Pricing and Availability

DecisionSource is available immediately from Decisive Technology.  
DecisionSource Client is available...

16/3,K/29 (Item 2 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1172386 DCW026  
**JetForm Selects INTERSOLV DataDirect SequeLink Java Edition for Industry's First Enterprise Workflow Solution**

DATE: October 22, 1997 12:02 EDT WORD COUNT: 848

... based forms over corporate intranet and extranets. As a result, JetForm's electronic forms and **workflow** solutions will now offer scalable, n-tier **connectivity** across any Java-enabled platform. Through this agreement, JetForm is the first company to embed the recently-introduced SequeLink Java Edition to improve customers' access to critical business...

16/3,K/30 (Item 3 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1105829 NEM026  
**Lotus Spotlights Intranet Applications for Human Resources that Extend the Reach of Enterprise Systems**

DATE: June 2, 1997 11:12 EDT WORD COUNT: 864

... all employees," said Eileen Rudden, senior vice president, Communications Products Division, Lotus Development Corp. "Now **many companies** are leveraging the **workflow**, **communications** and integration capabilities of the Domino server to deliver secure, streamlined services for employees and...

16/3,K/31 (Item 4 from file: 813)  
DIALOG(R)File 813:PR Newswire

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1081944

SFTU008

**Microsoft Exchange Becomes a Leading Messaging Platform for Document Management, Imaging, Workflow Solutions**

DATE: April 15, 1997 07:59 EDT WORD COUNT: 956

...Internet, communications and collaboration standards, Microsoft Exchange Server has been widely adopted as a key **communications** platform by **many industries**, including **companies** building applications for imaging, **workflow** and document management. As a development platform, its open architecture allows ISVs to easily write...

**16/3,K/32 (Item 5 from file: 813)**

DIALOG(R)File 813:PR Newswire

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1046413

**FileNet and Anacomp Join To Provide Information Delivery Software Applications**

DATE: January 22, 1997 16:49 E.T. WORD COUNT: 951

...outstanding technological platform," said Ray Dicasali, chief technology officer, Anacomp. "In partnering with FileNet, we **join** forces with a **company** that is the **first** to combine the technologies of imaging, **workflow**, COLD and document management into a truly integrated Windows NT environment."

New applications and upgrades...

**16/3,K/33 (Item 6 from file: 813)**

DIALOG(R)File 813:PR Newswire

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1046000

CLW004

**Delphi Announces Agreement With IVANS**

DATE: January 22, 1997 09:01 EST WORD COUNT: 588

... EDI) to commercial risks, which often involves complex, structured and non-structured information. Furthermore, cd. **connect** uses agency established **workflows** in combination with **collaborative** messaging to accomplish true single-entry **multiple company** interface (SEMCI) for commercial lines policies. As an option to the Lotus Notes-based service ...

**16/3,K/34 (Item 7 from file: 813)**

DIALOG(R)File 813:PR Newswire

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0910928

NYW013

**LIBBEY ANNOUNCES STRONG 1995 EARNINGS INCREASE; NET INCOME UP 12.5% TO \$2.00 PER SHARE**

DATE: February 7, 1996 09:17 EST WORD COUNT: 1,327

...drop in profitability."

Meier continued, "We had a challenging year in manufacturing as we implemented **many** changes in our **organizational** structure and **work flow**

**associated** with our reengineering effort, Project ALPHA. As we continue to reshape Libbey to be a...

16/3,K/35 (Item 8 from file: 813)

DIALOG(R) File 813:PR Newswire

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0757308

NY123

**SOFTNET SYSTEMS COMPLETES COMMUNICATE DIRECT MERGER**

DATE: October 31, 1994

19:30 EST

WORD COUNT: 757

...will become a director of SoftNet.

By focusing on delivering computer telephone integration and complete **workflow** solutions through the use of voice, data, FAX and video **communications**, **Communicate** Direct has become a leading distributor for **numerous** telecommunication **companies** including Ameritech, Fujitsu, Panasonic DBS, Applied Voice Technology and Compression Labs.

Communicate Direct sells, installs...

16/3,K/36 (Item 9 from file: 813)

DIALOG(R) File 813:PR Newswire

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0418975

NE006

**DIGITAL EQUIPMENT CORPORATION ANNOUNCES COMPREHENSIVE SET OF TEAM APPLICATIONS FOR MICROSOFT WINDOWS**

DATE: November 19, 1991

11:57 EST

WORD COUNT: 1,951

...Ami Pro 2.0,  
and Freelance Graphics will be enhanced to support CDA, mail,  
distributed **shared** filing, and TeamRouteadministrative **workflow**  
services  
(see **separate** release).

Digital Equipment **Corporation**, with headquarters in Maynard, Mass., is the leading worldwide supplier of networked computer systems, software...